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A. CLOSURE OVERVIEW

1. Introduction

- a. This closure plan addresses closure of 43 mixed residue container storage area units that are no longer intended for storage. These units are listed in Table 1. Section B of this plan contains descriptions of the standard closure activities, and Section C contains unit-specific information for each of the 43 units.
- b. Rocky Flats Environmental Technology Site (RFETS) personnel will verify that the units undergoing closure have met the closure performance standard, as defined in Section 5 of this plan.

2. Facility Contact

The RFETS facility contact for closure plan activities is:

Manager, RFETS Field Office, at the following mailing address:

U.S. Department of Energy
RFETS Field Office
P.O. Box 928
Golden, Colorado 80402-0928
Phone: (303) 966-2025

3. Closure Notification

Closure of the units in this plan will be conducted as partial closure of the mixed residue container storage units. Notification to the Director of the intent to close these units will be submitted to the Colorado Department of Public Health & Environment (CDPHE) at least 45 days prior to the planned start of closure activities.

4. Regulatory Requirements

- a. A closure plan for closure of the 43 mixed residue storage units at the RFETS is required pursuant to 6 Colorado Code Regulations (6 CCR) 1007-3, Part 265 of the Colorado Hazardous Waste Regulations. This plan addresses the following Colorado Hazardous Waste Regulations: Part 265, Subpart G - Closure and Post-Closure, Sections 265.110 through 265.120.
- b. No demonstration of financial responsibility is required because, under current regulations, compliance with Part 266 Subpart A - Financial Requirements is not required for government-owned facilities.

5. Closure Performance Standard

- a. This closure plan provides for closure of the mixed residue units listed in Table 1 in a manner that minimizes the need for further maintenance. It also controls, minimizes, or eliminates, to the extent necessary to protect human health and the environment, post-closure escape of hazardous waste, hazardous waste constituents, leachate, contaminated runoff or waste decomposition products, to the ground, to surface waters or to the atmosphere.
- b. The closure performance standard for used rinsate from decontamination of secondary containment in indoor storage areas shall be as follows:
 - (1) Non detectable levels for the following organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - (2) Does not exhibit any characteristic of a hazardous waste as defined in 6 CCR 1007-3 Part 261, Subpart C, and
 - (3) Levels of Toxicity Characteristic (TC) for the following metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) are at or below the background level in the unused rinsate solution.
- c. Selection of the parameters for which the used rinsate will be analyzed will be based on the specific wastes stored at the unit. These wastes are specified in Section C of this plan.
- d. The closure performance standard for gloveboxes shall be as follows:

The glovebox surface will be visually inspected to determine if the surfaces are clean and dry. A clean surface will be defined as free of all visible hazardous waste or contamination, except that residual staining consisting of slight streaks or minor discoloration, and waste in cracks, crevices, and pits limited to 5 percent of each square inch may be present.

6. Description of Units Requiring Closure Plans

- a. Hazardous and mixed wastes are generated primarily in the production and maintenance areas of the RFETS. The mixed waste management units included in this plan consist of indoor room and vault container storage units and gloveboxes.

- b. The container storage area units listed in Table 1 have been categorized for closure as follows:
- (1) those units for which DOE may need to defer initiation of closure (e.g., those units which contain Special Nuclear Material or piping from hazardous waste tank systems);
 - (2) those units for which DOE can begin closure upon approval of a closure plan and can complete closure within 180 days; and
 - (3) those units for which DOE can begin closure upon approval of a closure plan but may need an extended period of time to complete closure activities.
- c. Detailed procedures for the closure of the different types of container storage area units may be found in Section B.

7. Closure Schedules

- a. This closure plan contains the following closure schedule information for each unit: unit description, identification of closure category (from 6.b. above), closure schedule, and closure personnel.
- b. Closure Personnel
- (1) Table 1 identifies the number of personnel required for closure of each unit in accordance with the schedule, and with safety and regulatory standards. Personnel will be qualified workers, trained in basic mechanical skills, decontamination techniques and safety procedures necessary to accomplish closure. The lists do not specify management personnel beyond the work-area supervisor, nor any health and safety personnel. Minimum crews (4 for mixed waste areas) are required for health and safety requirements.
 - (2) If it is found that decontamination or other closure activities require more time than anticipated, additional qualified personnel may be required to ensure implementation of closure within the approved time schedule.
- c. Unit Closure Schedule
- (1) The closure of each mixed residue unit and associated equipment will be accomplished in accordance with this plan.
 - (2) These areas will be closed in a manner to ensure that the closure performance standard, specified in Section A.5. will be met.

- (3) RFETS has limited resources to implement closure activities i.e. properly trained personnel and critically safe equipment; therefore, units have been grouped together so that these resources can be used effectively. Table 1 identifies the appropriate group for each unit.
- (4) Closure of each mixed residue unit in this plan will proceed according to the group's schedule provided in Figure 1. Groups have been scheduled based on expected availability of resources and the time necessary to complete engineering activities.
- (5) Within 60 days following completion of closure of each unit, an independent Professional Engineer, registered in the State of Colorado, will submit certification of closure, based upon compliance with the approved closure plan, to the Director.

8. Order of Unit Closure

Closure of the following units will be initiated upon approval of this plan in accordance with the following schedule:

- a. The first group of units to be closed will be those units which can be closed within 180 days of approval of this plan. (see page 3, Section 6.b.(2))
- b. The second group of units to be closed will be those units for which closure can begin within four months after approval of this plan and can be completed within 180 days. (see page 3, Section 6.b.(2))
- c. The third group of units to be closed will be those units for which closure can begin within eight months after approval of this plan and can be completed within 180 days. (see page 3, Section 6.b.(2))
- d. The fourth group of units to be closed will be those units for which closure can begin within one year after approval of this closure plan but require up to 360 days to complete. (see page 3, Section 6.b.(3)). The schedule is based on the need to integrate implementation of unit-specific closure activities with other essential building activities necessary to maintain safe site functions.
- e. The fifth group of units to be closed will be those units for which closure is to be deferred (e.g., those units with Special Nuclear Material, hazardous waste tank systems, etc.) but can be closed within 180 days. (see page 3, Section 6.b.(1)). A demonstration with respect to those units for which initiation of closure must be deferred or for which more than

180 days to complete closure activities is necessary is set forth on a unit-specific basis in the unit information sheets.

9. General Closure Activities

a. Maximum Waste Inventory

- (1) The maximum inventory capacity of each of the units under normal operating conditions is listed in Section C in this plan.

b. Final Closure of Units

- (1) This section presents programs for the final closure of the 43 mixed residue units listed in Table 1. The closure plan is based on the assumption that, as part of closure, each unit will be decontaminated to levels consistent with the applicable closure performance standard specified in Section A.5.
- (2) The plan also contains the assumption that the plant waste management and treatment facilities will be available to receive the area inventory and the cleanup waste.
- (3) The disposition of any hazardous or mixed waste from a unit undergoing closure will depend on the exact characteristics of the waste and the permitted treatment and disposal capabilities of all available commercial and DOE facilities. The disposition of all hazardous and mixed waste will fully comply with all local, State and Federal Hazardous Waste Regulations applicable at the time of disposal.
- (4) The disposition/destination of drummed hazardous waste will depend upon the type of waste present in the drum. Treatment of hazardous wastes at RFETS will be the preferred waste treatment alternative. If on-site treatment is not feasible, then the disposition of each waste will depend upon the characteristics of each waste and the capabilities of other designated treatment, storage, and disposal facilities. All wastes shall be disposed of properly.
- (5) All mixed low-level radioactive wastes will be disposed of at the DOE Nevada Test Site (NTS) or another approved facility. All TRU-mixed wastes will be disposed of at the DOE Waste Isolation Pilot Plant (WIPP) or another approved facility. If no DOE facilities can accept these wastes, then commercial facilities will be considered. Finally, if no facilities exist for shallow or deep burial of this waste, or other off-site waste disposal, long-term monitored storage of the waste will be conducted at RFETS until

a disposal facility is approved. The Director shall be notified if long-term storage is the only waste management option for RFETS low-level mixed waste and obtain the Director's approval for this waste management option PRIOR to exceeding approved permitted or interim status storage capacity for any waste type.

- (6) The approximate distances to various off-site disposal facilities are listed below.

APPROXIMATE ONE-WAY DISTANCES TO
DISPOSAL FACILITIES

<u>Facility</u>	<u>Distance</u> <u>(miles)</u>
DOE Nevada Test Site, Nevada	986
DOE Waste Isolation Pilot Plant	567

- (7) All cleaning waters generated during closure decontamination activities that are compatible with the RFETS waste treatment facilities will be treated onsite. Wastes compatible with the RFETS waste treatment facilities currently include high and low pH solutions, radioactive solutions, and solutions contaminated with inorganics. Wastes that are reactive, ignitable, or contain high concentrations of organics are incompatible with the RFETS waste treatment facilities. It is currently anticipated that all cleaning wastes will be compatible with the RFETS waste treatment facilities.
- (8) Some aqueous wastes in the units may contain high concentrations of organics. A wastewater pretreatment unit may be installed at the container area being closed or at Building 374 to remove organics from wastewater prior to its discharge to the Building 374 wastewater treatment system. The following discussions assume any wastewater containing organics will be pretreated prior to its discharge into the Building 374 wastewater treatment system. The types of waste generated during cleaning will be dependent on the method used.

10. Soil Sampling - Exemption

Each unit identified for closure was evaluated against soil sampling requirements summarized in Figure 1, Soil Sampling Flow Chart, in Part X, Soil Sampling in the RFETS RCRA Part B Operating Permit. As all units are indoors, with no soil immediately adjacent to the unit and with no apparent spills or releases to soil, all units were determined to be exempt from soil sampling requirements.

11. Criteria for Determining Post-Closure Care

- a. The criteria used to determine if a unit undergoing closure will be certified closed or follow post-closure procedures will be based upon the continued presence of RCRA contaminants above the levels identified in the closure performance standard. If clean closure cannot be achieved, CDPHE approval will be requested to defer further closure action until decontamination and decommissioning (D&D) activities in the building. At that time, alternate inspection methods and schedules for the unit may be proposed.

12. Recordkeeping

The following closure records shall be maintained at the facility during closure activities and for a minimum of 3 years following closure certification:

- Record of sampling activities (date, number, and type).
- Results of screening activities, and sampling of decontamination rinse waters.
- Other documentation which verifies that the Permittee is following the approved closure plan.
- Records of volumes of hazardous waste generated during closure.

13. Amendment of Plan

The closure plan will be amended whenever changes in operating plans or facility design affect the closure plan in accordance with 6 CCR 1007-3 Section 264.112, or a change in the expected initiation of closure occurs.

In performance of closure under this plan, unexpected events which are identified during the implementation of required closure activities may also require an amendment of the existing closure plan. Should an event occur requiring closure plan modification, a request for modification of the closure plan will be made within 30 days of identification of the event that causes modification of the closure plan to be necessary, as required by 6 CCR 1007-3, Section 264.112(c)(3).

B. CONTAINER STORAGE AREAS - STANDARD CLOSURE ACTIVITIES

- a. Closure activities will be performed in a manner to achieve the objectives of the closure performance standards. A work package or equivalent that includes the engineering information as well as health and safety protection information will be developed prior to closure of the unit. This work package will be developed in accordance with appropriate RFETS policies and procedures. At all times during closure activities, there will be strict adherence to all RFETS safety and security procedures which will be detailed in the work package.
- b. The closure of container storage areas will commence after approval of this plan. Inventory remaining in the area will be transferred to another permitted container storage area or disposed of offsite in accordance with RFETS procedures.
- c. The 43 mixed residue container storage areas covered by this closure plan can be grouped into two similar unit types which can be closed in the same manner: indoor storage units and gloveboxes. The following paragraphs discuss the general procedures necessary to successfully close each of the types of container storage areas.
 1. Indoor Storage
 - a. Removal of waste inventory will follow normal operating procedures for the units. Any remaining nonhazardous containers of waste will be transferred to another location during closure activities.
 - b. The concrete floors will be swept to remove dust and debris, and cleaned using an appropriate decontamination solution. Decontamination procedures are described in Part IX, Decontamination, of the facility RCRA Part B operating permit. After washing and rinsing, the rinsate will be sampled and analyzed. The used rinsate solution sample results will be compared to the closure performance standard. The remaining rinsate will then be removed by a vacuum unit, and placed in containers for treatment in Building 374 or 774. Up to approximately 35 gallons of rinsate may be generated while completing a single wash and rinse cycle on 150 square feet of the unit.
 - c. Decontamination procedures shall be repeated at units undergoing closure until verification test results meet the applicable closure performance standards. If the unit cannot meet the closure performance standards, the equipment and structures will continue to be managed as hazardous or mixed waste and a decision made whether to continue rinsing or to apply for post closure care authorization.

2. Gloveboxes

- a. Gloveboxes at RFETS will be used to provide containment for radioactivity, but ultimately will be stripped out and removed as radioactive waste. Prior to final stripout, some RCRA gloveboxes may be reused for some other non-RCRA purpose after RCRA closure has been completed. The closure procedure described in section c presents RCRA closure activities that will occur for both situations.
- b. The gloveboxes covered by this closure plan were only used for storage of characteristic hazardous waste. None of the gloveboxes covered by this closure plan were used for storage of listed hazardous waste. Thus, these gloveboxes can be closed according to the procedures described in section c when the gloveboxes are no longer needed for hazardous waste storage. These gloveboxes provide secondary containment for containers. Figure 2 presents a decision flow diagram for the glovebox closure activities described below.
- c. Closure Activities
 1. Removal of waste inventories and other glovebox equipment will follow existing operating procedures.
 2. After removal of the waste, the glovebox surfaces will be visually inspected to determine if the surfaces are clean and dry. A clean surface will be defined as free of all visible hazardous waste or hazardous contamination, except that residual staining consisting of slight streaks or minor discoloration, and waste in cracks, crevices, and pits limited to 5 percent of each square inch may be present.
 3. Wiping or other cleaning methods may be employed to remove residual waste in order to obtain a clean, dry surface. After a clean, dry surface is achieved, the glovebox will be considered RCRA clean closed, and either will be reused for another onsite DOE purpose or left in place for eventual stripout.
 4. If a clean surface cannot be achieved, CDPHE approval will be requested to defer further closure action until stripout of the glovebox during decontamination and decommissioning (D&D) activities in the building. At that time, alternate inspection methods and schedules for those gloveboxes may be proposed.
 5. Stripout of the gloveboxes will take place when D&D of the process equipment in the building occurs. Prior to stripout, an assessment will be completed to ensure that the waste to be

generated will be managed in accordance with applicable regulations, and that waste acceptance criteria are taken into account for the designated disposal facility. During stripout, the gloveboxes will be declared as solid waste and a hazardous waste determination will be made for those gloveboxes that did not meet the standard described in section c(2) above for clean surfaces. Gloveboxes previously certified as clean-closed will be packaged as non-hazardous TRU or low level waste, depending on radioactivity level. Gloveboxes containing lead shielding or leaded glass will have the lead removed during stripout. The lead will either be recycled, reused, or managed as RCRA-regulated hazardous waste.

- d. This approach was chosen to minimize waste generated in the closure process. The proposed method will be protective of human health and the environment, because the waste is destined for off-site disposal at a radioactive or mixed waste disposal facility.

C. CONTAINER STORAGE AREAS - UNIT-SPECIFIC CLOSURE INFORMATION

1. This section contains unit specific information sheets and layout drawings for each unit to be closed which identifies the maximum capacity of waste ever stored in the unit.
2. Table 1 identifies the unit type and provides unit-specific closure information for each unit. The unit type refers to the closure activity category of each unit as described in Section B.
3. Figure 1 identifies a closure schedule for each group of unit closures. The five groups include:
 - 1) Closure within 180 days of approval of this plan,
 - 2) Closure within 180 days starting within 4 months after approval of this plan,
 - 3) Closure within 180 days starting within 8 months after approval of this plan,
 - 4) Closure within 360 days starting within one year after approval of this plan, and
 - 5) Closure within 180 days starting after a deferral period related to a future event.

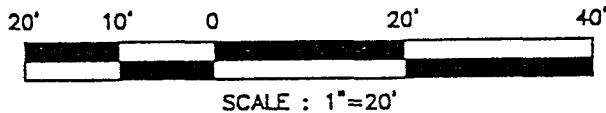
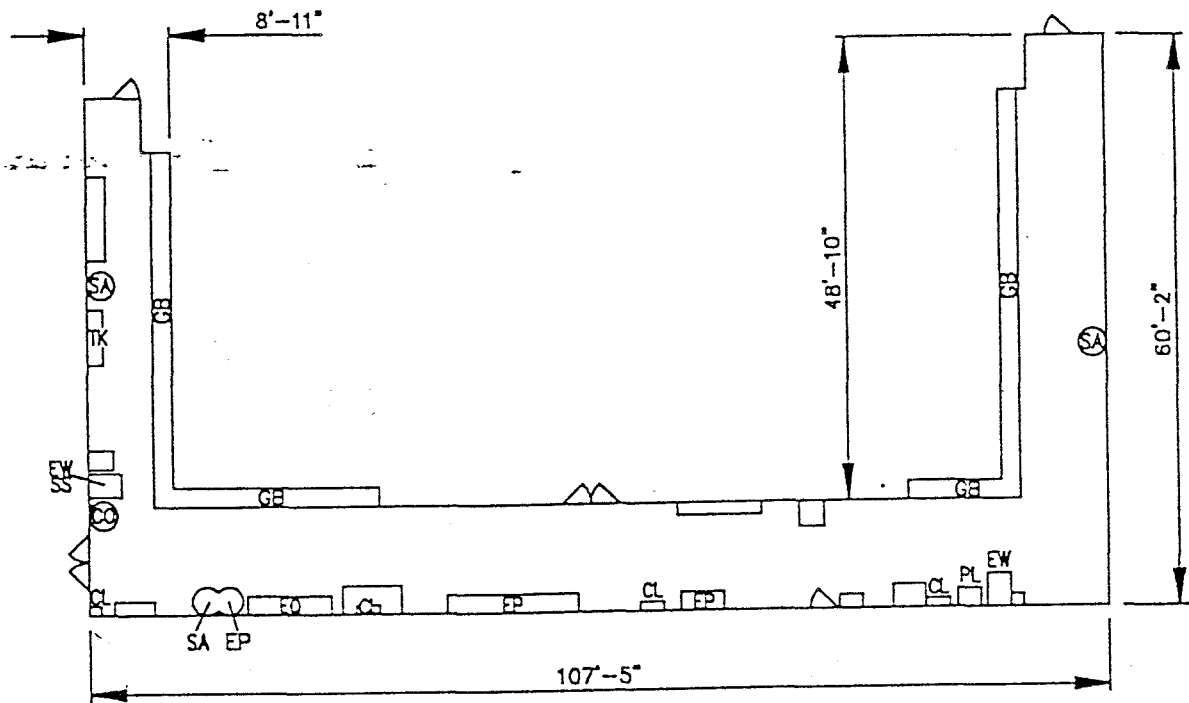
13

Unit Information Sheet

Unit Number: 90.4
Building: 371
Room: 3543
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 4,400 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-203

Unit Specific Information:

1. Initiation of closure is deferred because this unit contains piping for one or more hazardous waste tank systems. Closure of this unit will commence after the hazardous waste piping in this room is removed in order to avoid duplicate cleaning of the floor, which would lead to increased worker exposure and additional generation of waste.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



UNIT CAPACITY

1. TYPICAL INVENTORY (1):

55-GAL 10-GAL 1-LITER

80 0 0

KEY PLAN: RM# 3543/3551/3567A

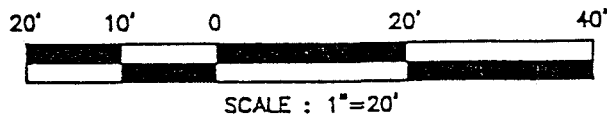
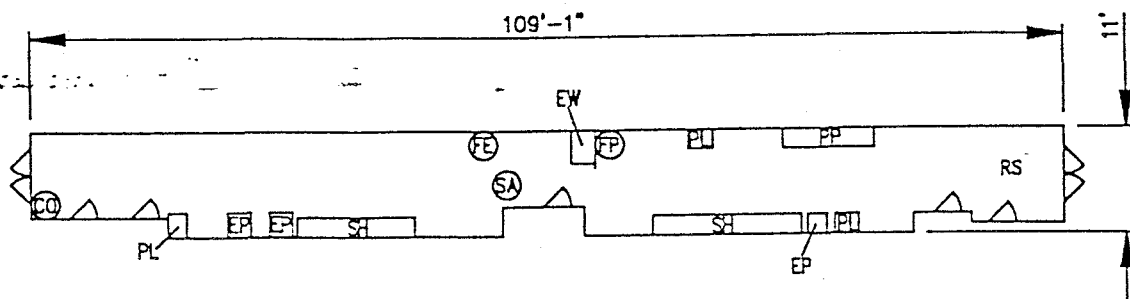
KEYWORDS		A ORIGINAL ISSUE		07/31/95		==		==		==	
RCRA		DESCRIPTION		DATE		FOR		DOE PLANS		JOB NO.	
CONTAINER		DESIGNED		07/31/95		U.S. DEPARTMENT OF ENERGY		ROCKY FLATS AREA OFFICE		800401	
WASTE		DESIGNED		07/31/95		Rocky Flats Environmental		Technology Site		800401	
SECONDARY		DESIGNED		07/31/95		RCRA PERMIT MODIFICATION		CONTAINER STORAGE		UNIT ID 90.4	
LOC/FACILITY		APPROVED		07/31/95		371		3543		G7	
LOC/AREA		APPROVED		07/31/95		371		3543		G7	
LOC/AREA		APPROVED		07/31/95		371		3543		G7	
MASTER		SCALE		1"=20'		APPROVED		07/31/95		371	
YES		NO		NO		NO		NO		NO	

Unit Information Sheet

Unit Number: 90.8
Building: 371
Room: 3567A
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 4,070 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-207

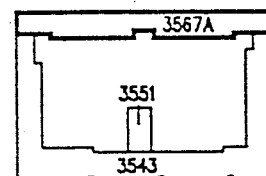
Unit-Specific Information:

1. Initiation of closure is deferred because this unit contains piping for one or more hazardous waste tank systems. Closure of this unit will commence after the hazardous waste piping in this room is removed in order to avoid duplicate cleaning of the floor, which would lead to increased worker exposure and additional generation of waste.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



UNIT CAPACITY
TYPICAL INVENTORY (qt):

55-GAL 10-CAL 1-LITER
74 0 0



KEY PLAN: RM# 3567A/3551/3543

KEYWORDS	A	ORIGINAL ISSUE	07/31/95	DATE	REV	DOE	SLASH	JOB NO.
RCRA								
CONTAINER								
STORAGE								
WASTE								
SECONDARY								
LOC/FACILITY								
371								
RCRA/AREA								
3567A								
DOE CODE, VOL. NO.								
B6								
MASTER								
YES <input type="checkbox"/> NO <input type="checkbox"/>								
SCALE		1"=20'						
APPROVED								
BY								
APPROVED								
DOE								
U.S. DEPARTMENT OF ENERGY ROCKY FLATS AREA OFFICE Rocky Flats Environmental Technology Site GOLD/COLORADO 89401			RCRA PERMIT MODIFICATION CONTAINER STORAGE UNIT ID 90.8					
DRAWING NUMBER			A 39650-207 A					

Unit Information Sheet

Unit Number: 90.12
Building: 371
Room: 1101
Type: Vault
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 5,005 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-211

Unit Specific Information:

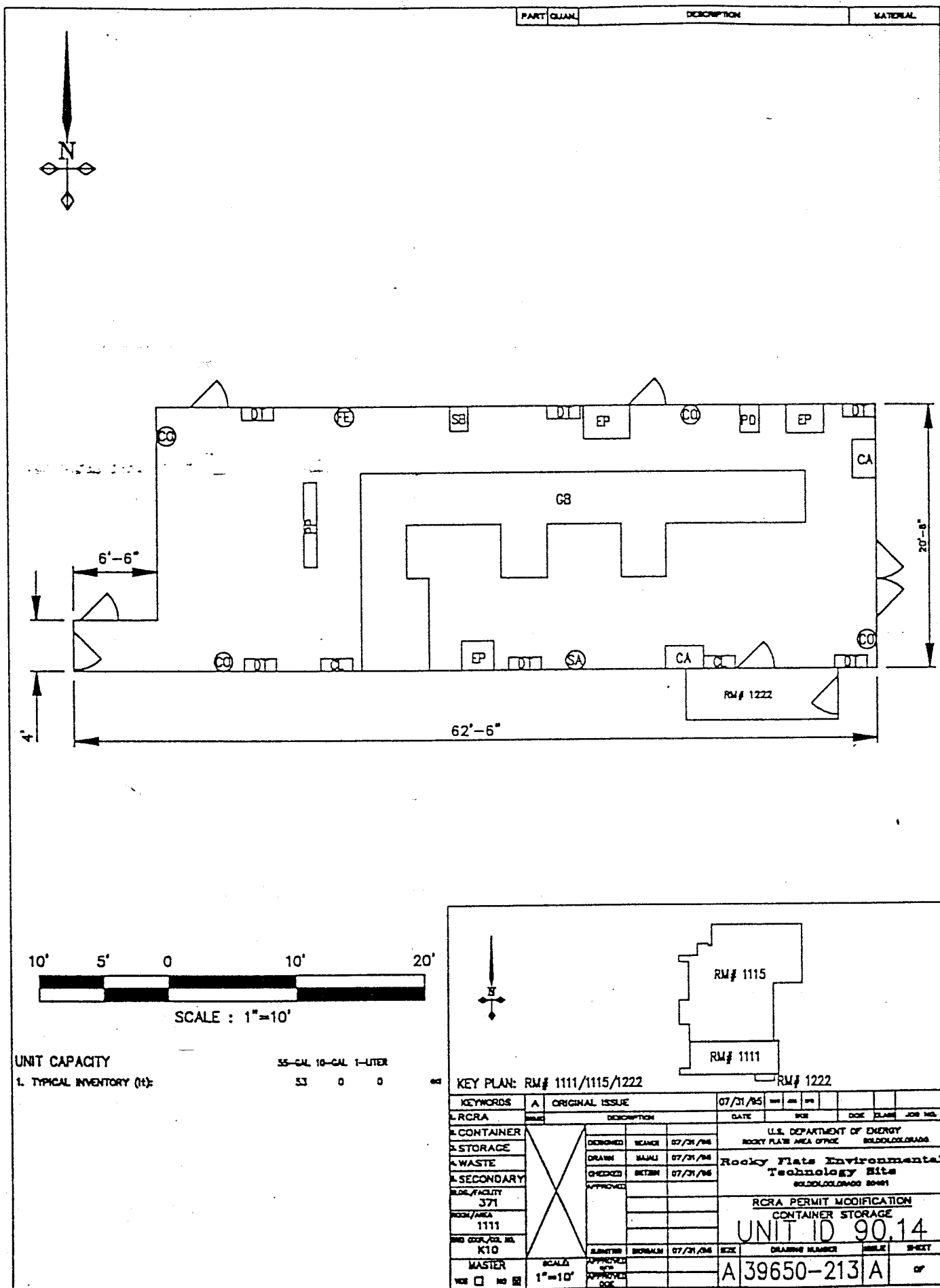
1. Initiation of closure is deferred because this unit is being used for storage of Special Nuclear Material. Closure of this Unit will commence when the unit ceases to be used for storage of Special Nuclear Material so that additional moves of Special Nuclear Material, resulting in increased worker exposure, are not necessary.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.

Unit Information Sheet

Unit Number: 90.14
Building: 371
Room: 1111
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 2,915 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-213

Unit-Specific Information:

1. Initiation of closure is deferred because this unit contains piping for one or more hazardous waste tank systems. Closure of this unit will commence after the hazardous waste piping in this room is removed, in order to avoid duplicate cleaning of the floor which would lead to increased worker exposure and additional generation of waste.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



Unit Information Sheet

Unit Number: 90.15
Building: 371
Room: 1208
Type: Vault
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 4,015 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-214

Unit Specific Information:

1. Initiation of closure is deferred because this unit is being used for storage of Special Nuclear Material. Closure of this unit will commence when the unit ceases to be used for storage of Special Nuclear Material so that additional moves of Special Nuclear Material, resulting in increased worker exposure, are not necessary.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third-rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.

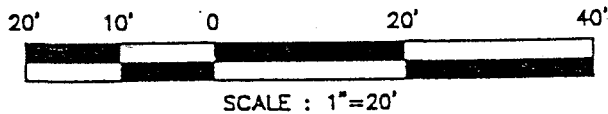
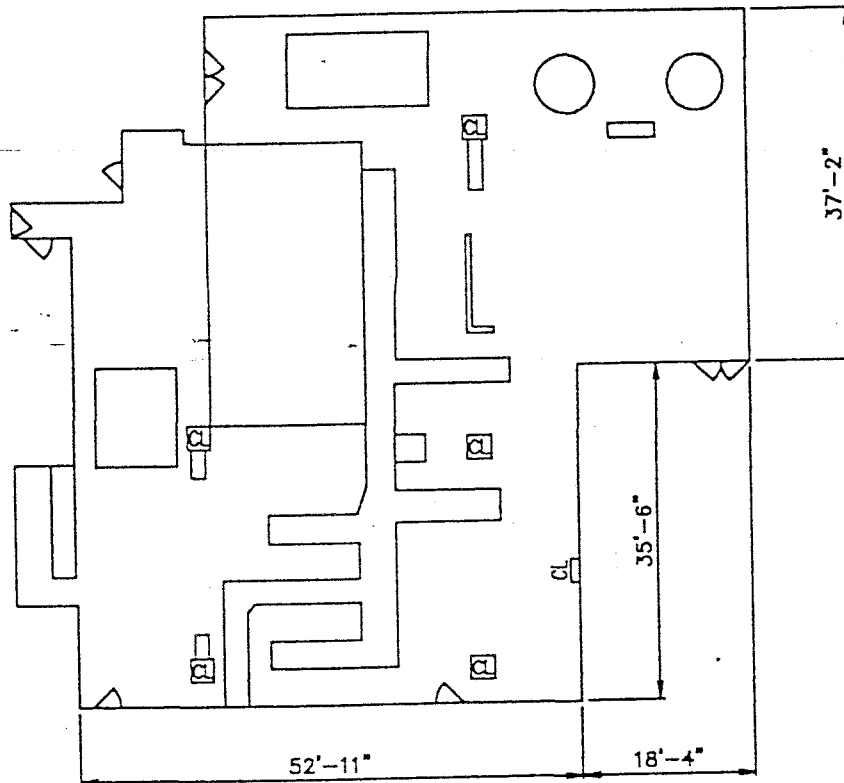
23

Unit Information Sheet

Unit Number: 90.19
Building: 371
Room: 1115
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 1,595 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-219

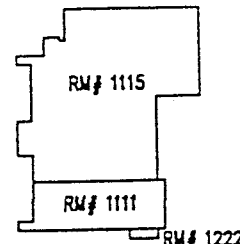
Unit-Specific Information:

1. Initiation of closure is deferred because this unit contains piping for one or more hazardous waste tank systems. Closure of this unit will commence after the hazardous waste piping in this room is removed in order to avoid duplicate cleaning of the floor, which would lead to increased worker exposure and additional generation of waste.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



UNIT CAPACITY
TYPICAL INVENTORY (t):

55-GAL 10-GAL 1-LITER
28 0 0



KEY PLAN: RM# 1115/1111/1222

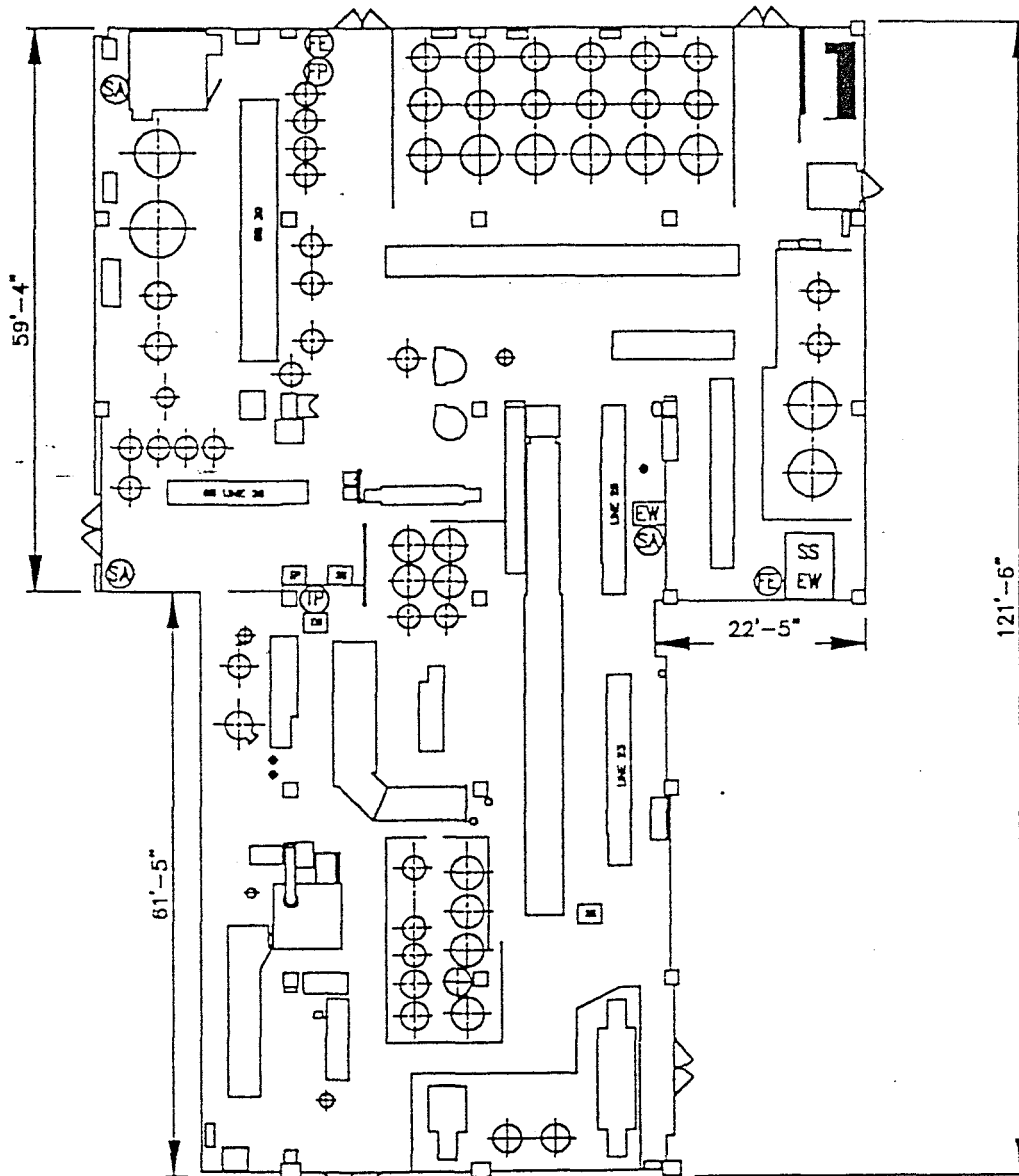
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RCRA								
CONTAINER		DESIGNED	REAKE	07/31/95				
STORAGE		DRAWN	EDWARDS	07/31/95				
WASTE		CHECKED	WIKER	07/31/95				
SECONDARY		APPROVED						
BLDG/FACILITY								
371								
ROOM/AREA								
1115								
DOE ORDER NO.								
G12								
MASTER		SCALE						
1"=20'								
U.S. DEPARTMENT OF ENERGY								
ROCKY PLATE AREA OFFICE								
Rocky Plate Environmental Technology Site								
GOLD/COLORADO 88401								
RCRA PERMIT MODIFICATION								
CONTAINER STORAGE								
UNIT ID 90.19								
SIZE		DRAWING NUMBER		SCALE		SHEET		
A	39650-219	A						

Unit Information Sheet

Unit Number: 90.21
Building: 771
Room: 149
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 3,190 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-270

Unit Specific Information:

1. Initiation of closure is deferred because this unit contains piping for one or more hazardous waste tank systems. Closure of this unit will commence after the hazardous waste piping in this room is removed in order to avoid duplicate cleaning of the floor, which would lead to increased worker exposure and additional generation of waste.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



SCALE : 1"=20'

UNIT CAPACITY

1. TYPICAL INVENTORY (1):

55-GAL 10-GAL 1-LITER

58 0 0

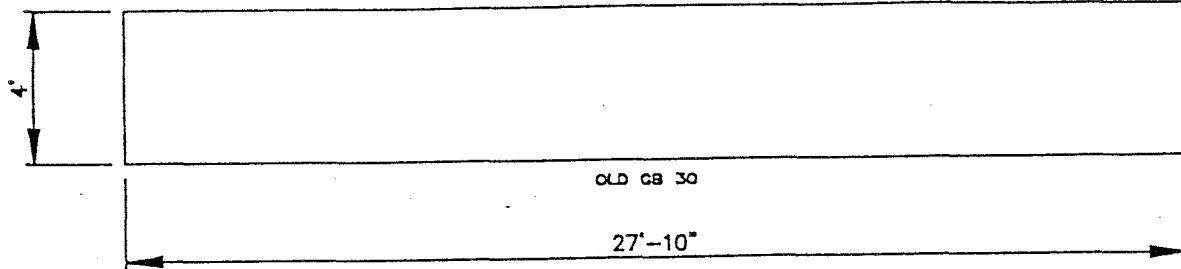
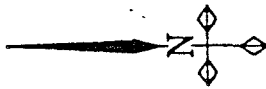
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RCRA		DESCRIPTION		DESIGNED		REMARKS		07/31/95		U.S. DEPARTMENT OF ENERGY		ROCKY FLATS AREA OFFICE	
CONTAINER		DRAWN		MAINT		07/31/95		Rocky Flats Environmental Technology Site		SOLID/HAZARDOUS WASTE			
STORAGE		CHECKED		NOTED		07/31/95		RCRA PERMIT MODIFICATION		CONTAINER STORAGE		UNIT ID 90.21	
WASTE		APPROVED		SUBMITTED		NORMAL		07/31/95		RCZ		DRAWING NUMBER	
SECONDARY												A 39650-270 A	
SOLID/FACILITY												SHEET	
771													
ROOM/AREA													
148													
SOLID/HAZ. NO.													
E11													
MASTER													
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>													

Unit Information Sheet

Unit Number: 90.21
Building: 771
Room: 149
Type: Glovebox
Unit Description: Glovebox
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 401 gallons
Secondary Containment Type: Glovebox
Drawing Number: 39650-271

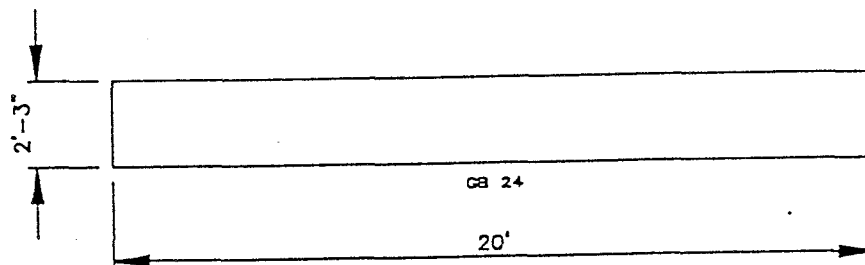
Unit Specific Information:

1. Initiation of closure is deferred due to the role of the glovebox unit as secondary containment for hazardous waste tanks and ancillary piping. Closure of this unit will commence after the hazardous waste piping in this glovebox is removed in order to avoid duplicate cleaning of the glovebox floor, which would lead to increased worker exposure and additional generation of waste.
2. Wastes stored in this unit included characteristic wastes, but not listed wastes.
3. Anticipated closure activities are expected to include the following as outlined in Section B of this plan:
 - a. Remove waste inventory and other materials from the unit.
 - b. Inspect the glovebox surface to determine if it is clean and dry.
 - c. If the surface is not clean and dry, wipe or otherwise clean the glovebox surface until it is clean and dry.



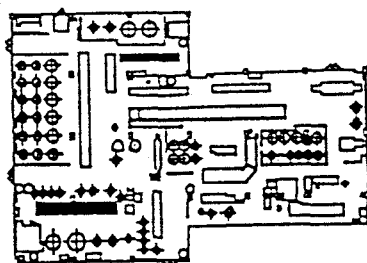
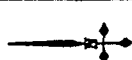
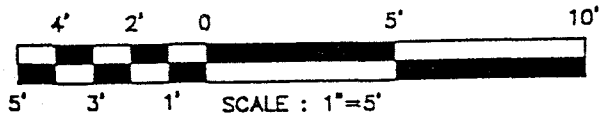
UNIT CAPACITY
1. TYPICAL INVENTORY (lt):

4-LITER
276 ea



UNIT CAPACITY
1. TYPICAL INVENTORY (lt):

4-LITER
104 ea



KEY PLAN: RM# 149

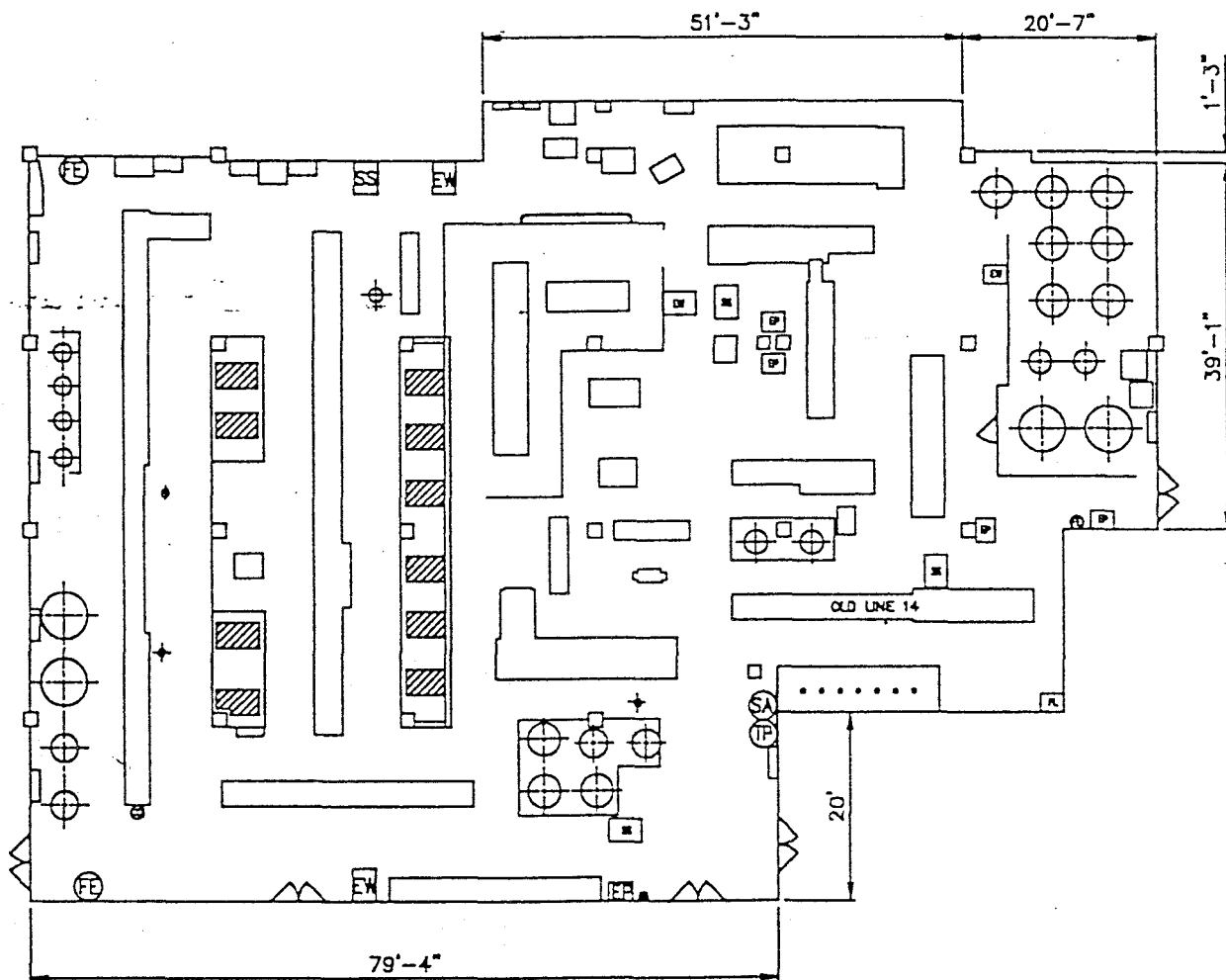
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RCRA		771	DESCRIPTION		U.S. DEPARTMENT OF ENERGY	ROCKY FLATS AREA OFFICE			
CONTAINER		X	DESIGNED	SEANCE	07/31/95	Rocky Flats Environmental Technology Site			
STORAGE			DRAWN	MAHLE	07/31/95	SOLD/COLORADO 88401			
WASTE			CHECKED	WETZEL	07/31/95	RCRA PERMIT MODIFICATION			
SECONDARY			APPROVED			CONTAINER STORAGE			
SOLD/FACILITY		771			UNIT ID 90.21				
SOLD/AREA		149/CB			A 39650-271 A				
SOLD/CLERK NO.		F11			of				
MASTER		SCALE 1"=5'							
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>									

Unit Information Sheet

Unit Number: 90.22
Building: 771
Room: 114
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 12,407 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-272

Unit Specific Information:

1. Initiation of closure is deferred because this unit contains piping for one or more hazardous waste tank systems. Closure of this unit will commence after the hazardous waste piping in this room is removed in order to avoid duplicate cleaning of the floor, which would lead to increased worker exposure and additional generation of waste.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



SCALE : 1"=20'

UNIT CAPACITY

1. TYPICAL INVENTORY (t):

55-CAL 10-CAL 1-LITER
225 0 120

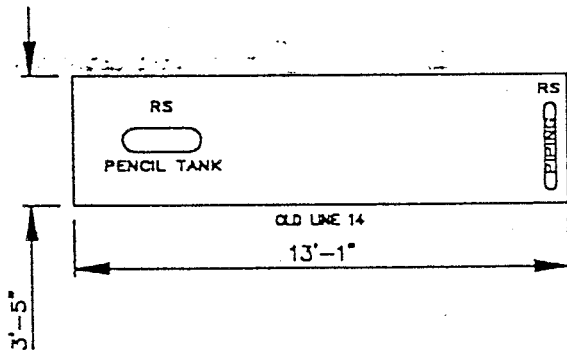
KEYWORDS	A	ORIGINAL ISSUE	07/31/95	771	114	P12
RCRA	DESCRIPTION	DATE	REV	DOE CLARK	JOB NO.	
CONTAINER	DESIGNED	SCALE	07/31/95	U.S. DEPARTMENT OF ENERGY		
STORAGE	DRAWN	SCALE	07/31/95	ROCKY FLATS AREA OFFICE		
WASTE	CHECKED	SCALE	07/31/95	Rocky Flats Environmental		
SECONDARY	APPROVED			Technology Site		
771				GOLD/COLORADO 88-001		
114				RCRA PERMIT MODIFICATION		
P12				CONTAINER STORAGE		
MASTER	SCALE	1"=20'		UNIT ID 90.22		
VER	NO	NO		A 39650-272 A		

Unit Information Sheet

Unit Number: 90.22
Building: 771
Room: 114
Type: Glovebox
Unit Description: Glovebox
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 63 gallons
Secondary Containment Type: Glovebox
Drawing Number: 39650-273

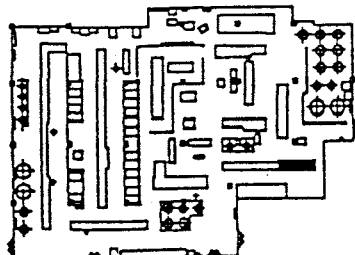
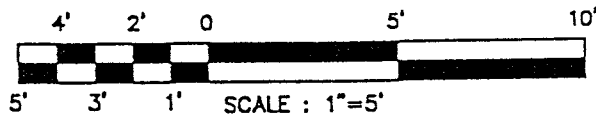
Unit Specific Information:

1. Initiation of closure is deferred due to the role of the glovebox unit as secondary containment for hazardous waste tanks and ancillary piping. Closure of this unit will commence after the hazardous waste piping in this glovebox is removed in order to avoid duplicate cleaning of the glovebox floor, which would lead to increased worker exposure and additional generation of waste.
2. Wastes stored in this unit included characteristic wastes, but not listed wastes.
3. Anticipated closure activities are expected to include the following as outlined in Section B of this plan:
 - a. Remove waste inventory and other materials from the unit.
 - b. Inspect the glovebox surface to determine if it is clean and dry.
 - c. If the surface is not clean and dry, wipe or otherwise clean the glovebox surface until it is clean and dry.



UNIT CAPACITY
1. TYPICAL INVENTORY (10)

4-LITER
50



KEY PLAN: RM# 114

KEYWORDS		A ORIGINAL ISSUE		07/31/95		DATE		DOE CLASS		JOB NO.	
RCRA		DESCRIPTION		DESIGNED		REVISION		07/31/95		U.S. DEPARTMENT OF ENERGY	
CONTAINER		X		DRAWN		SCALE		07/31/95		ROCKY FLATS AREA OFFICE	
STORAGE		X		CHECKED		SECTION		07/31/95		Rocky Flats Environmental Technology Site	
WASTE		X		APPROVED						GOLD/COLORADO 10481	
SECONDARY		X								RCRA PERMIT MODIFICATION	
BLDG/FACILITY		771								CONTAINER STORAGE	
ROOM/AREA		114/CB								UNIT ID 90.22	
DOE CORP. JOB NO.		510		SUBMITTER		SERIAL		07/31/95		SIZE	
MASTER		SCALE		APPROVAL		DRAWING NUMBER		ISSUE		SHEET	
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		1"=5'		DOE		A 39650-273		A		OF	

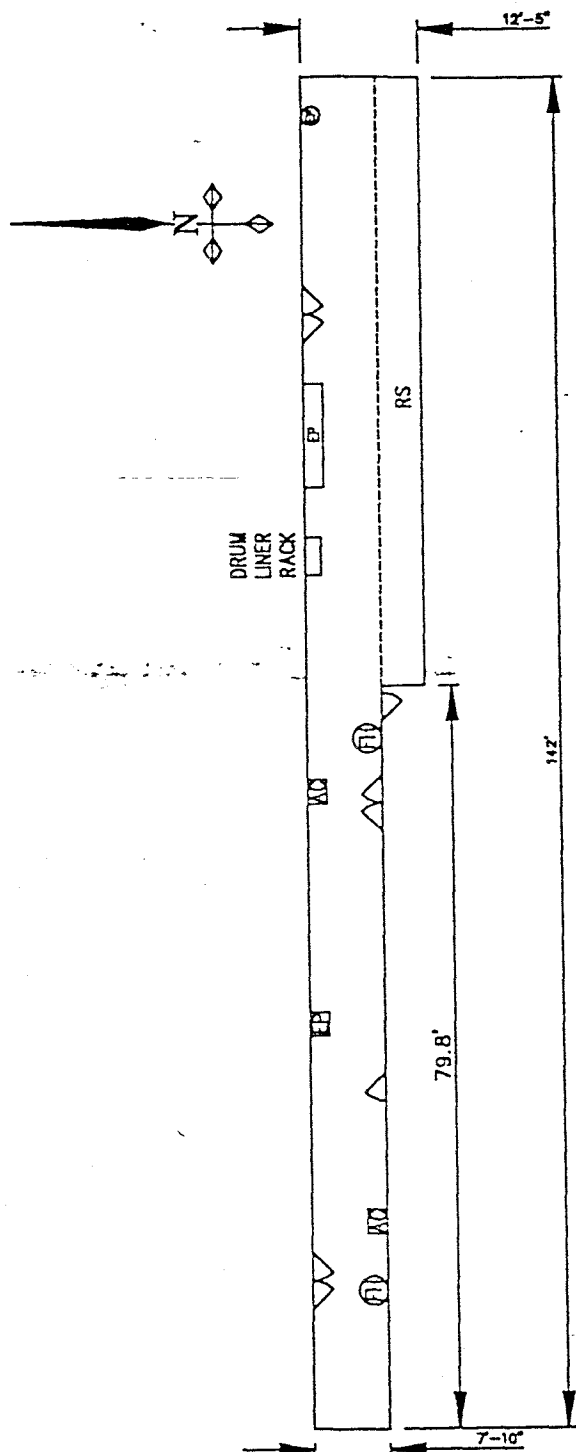
93

Unit Information Sheet

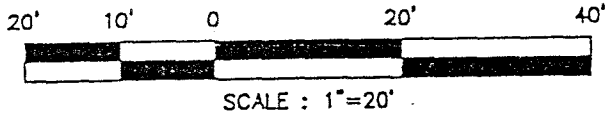
Unit Number: 90.28
Building: 707
Room: E&F Hallway
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 5,170 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-251

Unit Specific Information:

1. Closure activities will be completed within 180 days following approval of the closure plan.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



PART	QUANTITY	DESCRIPTION	MATERIAL
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UNIT CAPACITY

1. TYPICAL INVENTORY (qt):

55-GAL 10-CAL 1-LITER
24 0 0

707
EAF
HALL
G11

KEY PLAN: EAF HALL/F&G HALL/G&H HALL/G CORRIDOR CAGE

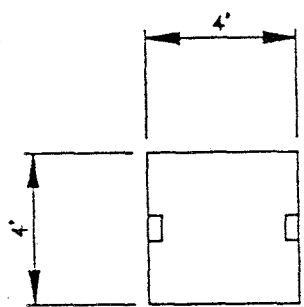
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RCRA		DESCRIPTION		DESIGNED		SCHEM		07/31/95		U.S. DEPARTMENT OF ENERGY ROCKY PLATE AREA OFFICE					
CONTAINER		DRAWN		MAKAL		07/31/95		Rocky Flats Environmental Technology Site							
STORAGE		CHECKED		BETZEL		07/31/95		GOLDEN/COLORADO 88401							
WASTE		APPROVED						RCRA PERMIT MODIFICATION CONTAINER STORAGE							
SECONDARY								UNIT ID 90.28							
SOL/FACILITY								DRAWING NUMBER							
707								SHEET							
EAF HALL								A 39650-251 A							
G11															
MASTER		SCALE		1"=20'											
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>															

Unit Information Sheet

Unit Number: 90.29
Building: 559
Room: 101
Type: Glovebox
Unit Description: Glovebox
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 106 gallons
Secondary Containment Type: Glovebox
Drawing Number: 39650-241

Unit Specific Information:

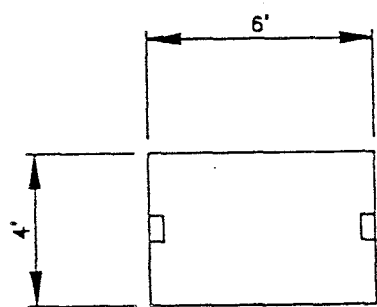
1. Closure activities will be completed within 180 days starting within 4 months of closure plan approval.
2. Wastes stored in this unit included characteristic wastes, but not listed wastes.
3. Anticipated closure activities are expected to include the following as outlined in Section B of this plan:
 - a. Remove waste inventory and other materials from the unit.
 - b. Inspect the glovebox surface to determine if it is clean and dry.
 - c. If the surface is not clean and dry, wipe or otherwise clean the glovebox surface until it is clean and dry.



GB E-4
 GB E-11 (TYP)
 GB E-12 (TYP)
 GB E-13 (TYP)
 GB E-18 (TYP)

UNIT CAPACITY
 1. TYPICAL INVENTORY (t):

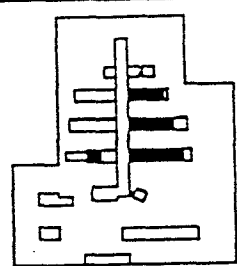
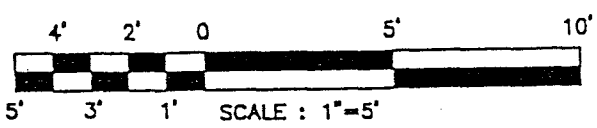
4-LITER
 38 ea



GB E-5
 GB E-19 (TYP)
 GB E-20 (TYP)
 GB E-22 (TYP)

UNIT CAPACITY
 1. TYPICAL INVENTORY (t):

4-LITER
 82 ea



KEY PLAN RM# 101

KEYWORDS		A ORIGINAL ISSUE		07/31/95							
RCRA		DESCRIPTION		DATE		FOR		DOE		JOB NO.	
CONTAINER		DESIGNED		DATE		07/31/95		U.S. DEPARTMENT OF ENERGY		GOLD/COLORADO	
STORAGE		DRAWN		SCHEDULE		07/31/95		ROCKY PLATE AREA OFFICE		GOLD/COLORADO	
WASTE		CHECKED		REVIEW		07/31/95		Rocky Plate Environmental Technology Site		GOLD/COLORADO 88401	
SECONDARY		APPROVED						RCRA PERMIT MODIFICATION		CONTAINER STORAGE	
SOL/FACILITY								UNIT ID 90.29			
ROOM/AREA											
101/GB											
NO. COIL/COIL NO.											
MASTER		SCALE		1"=5'				DRAWING NUMBER		A 39650-241 A	
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		APPROVED BY						SHEET		9-CLT	

Unit Information Sheet

Unit Number: 90.3

Building: 371

Room: 3337

Type: Room

Unit Description: Indoor Container Storage Room

Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste

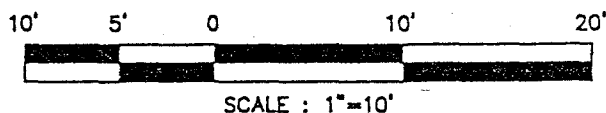
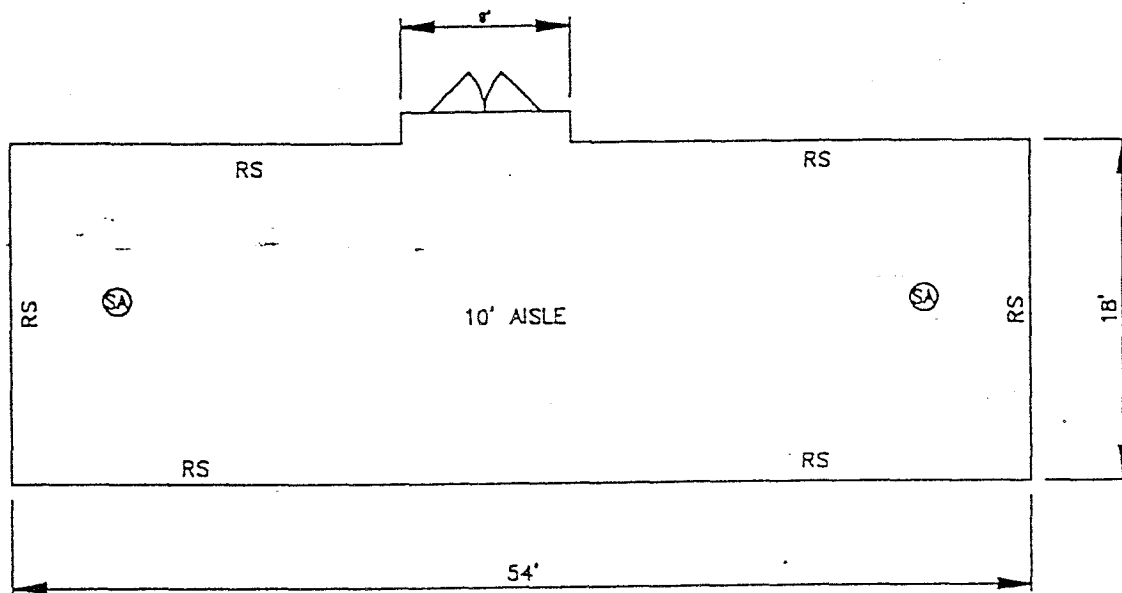
Maximum Capacity: 17,600 gallons

Secondary Containment Type: Coated Concrete

Drawing Number: 39650-202

Unit Specific Information:

1. Closure activities will be completed within 180 days following approval of the closure plan.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard:
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



UNIT CAPACITY

1. TYPICAL INVENTORY (1):

55-GAL 10-GAL 1-LITER

320 0 0

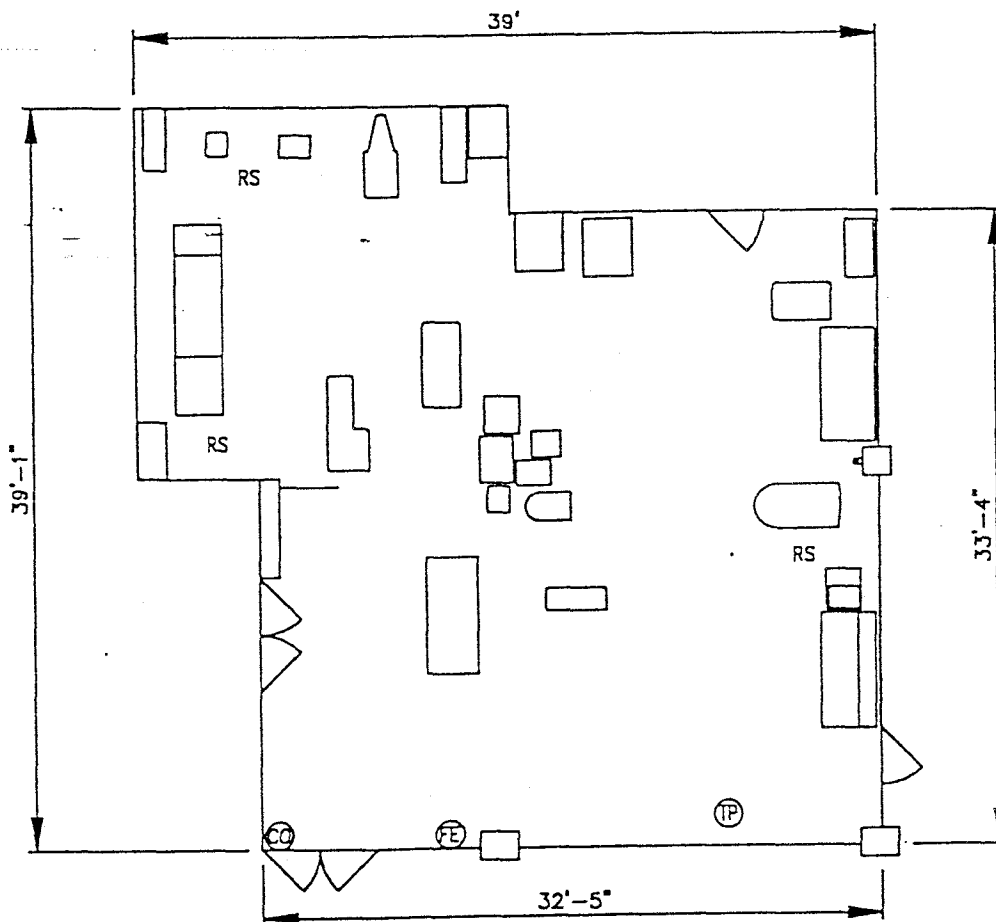
KEY PLAN: RM# 3337/3321/3341		DATE		JOB NO.	
3339A	3341	07/31/95			
3337					
3325	3333				
3321					
RCRA		DESCRIPTION		DATE	
CONTAINER	DESIGNED	SEALER	07/31/95	U.S. DEPARTMENT OF ENERGY	
STORAGE	DRAWN	SCHAEFER	07/31/95	ROCKY PLATE AREA OFFICE	
WASTE	CHECKED	BECKER	07/31/95	Rocky Flats Environmental Technology Site	
SECONDARY	APPROVED			GOLDEN, COLORADO 80401	
371				RCRA PERMIT MODIFICATION	
3337				CONTAINER STORAGE	
NO. COIL, COIL NO.				UNIT ID 90.3	
E2					
SCALE: 1"=10'		DATE: 07/31/95		DRAWING NUMBER: A39650-202	
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		APPROVAL: [Signature]		SHEET: A	

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Unit Information Sheet

Unit Number: 90.31
Building: 771
Room: 179
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 4,675 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-278
Unit Specific Information:

1. Closure will be completed within 360 days starting within one year of closure plan approval due to the present condition of the floor and the presence of large volumes of equipment in the room.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



SCALE : 1"=10'

UNIT CAPACITY

1. TYPICAL INVENTORY (t):

55-GAL 10-GAL 1-LITER

85 0 0

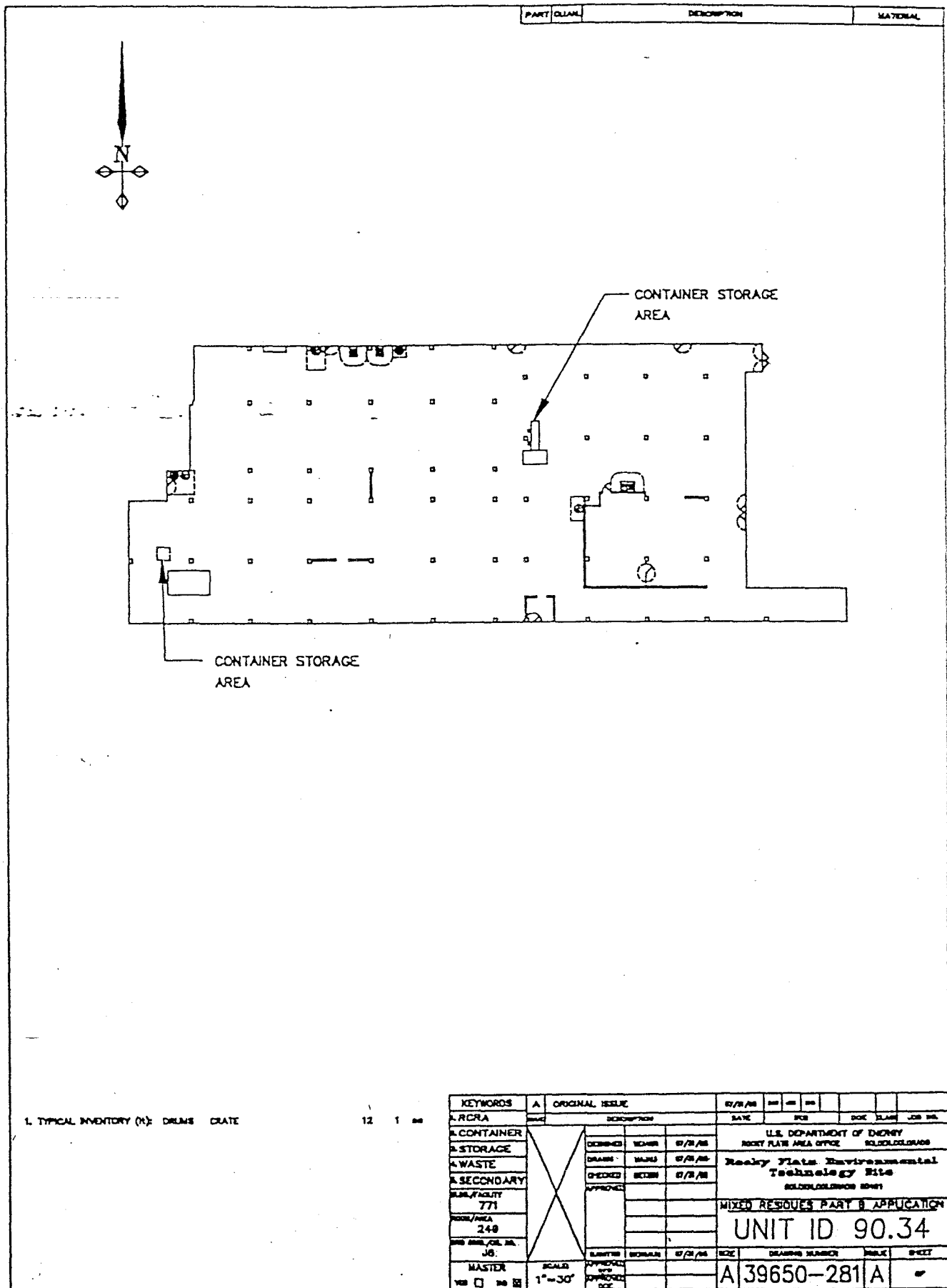
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RCRA		DESCRIPTION		DATE		REV		DOC		JOB NO.	
CONTAINER		<div style="display: flex; align-items: center; justify-content: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; font-size: 2em;">X</div> <div style="margin-left: 10px;"> DESIGNED: [] DRAWN: [] CHECKED: [] APPROVED: [] </div> </div>		07/24/95		U.S. DEPARTMENT OF ENERGY					
STORAGE				07/24/95		ROCKY PLATE AREA OFFICE					
WASTE				07/24/95		Rocky Plate Environmental					
SECONDARY						Technology Site					
SOLID/FACILITY						SOLID/CLOWHOS 20401					
771											
RCRA/AREA											
179											
RCRA/CLOWHOS											
08											
MASTER		SCALE		07/24/95		SIZE		DRAWING NUMBER		SHEET	
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		1"=10'						A 39650-278		A	

Unit Information Sheet

Unit Number: 90.34
Building: 771
Room: 249
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 1,498 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-281

Unit Specific Information:

1. Closure will be completed within 360 days starting within one year of closure plan approval due to the presence of extensive equipment which will prolong closure activities.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



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Unit Information Sheet

Unit Number: 90.37

Building: 779

Room: 131

Type: Room

Unit Description: Indoor Container Storage Room

Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste

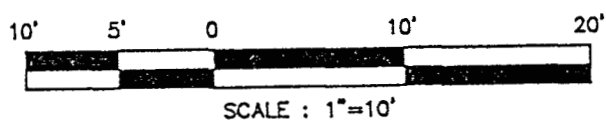
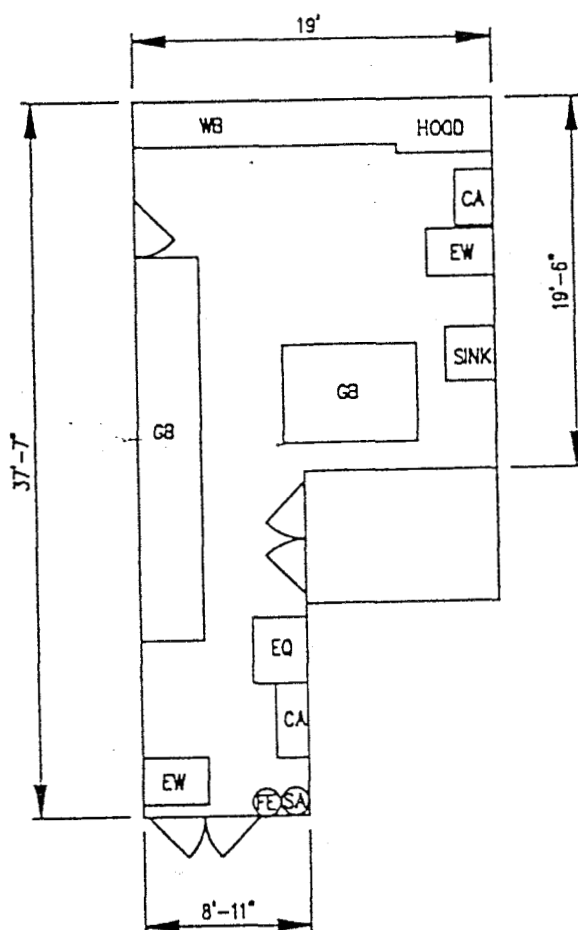
Maximum Capacity: 660 gallons

Secondary Containment Type: Coated Concrete

Drawing Number: 39650-370

Unit Specific Information:

1. Closure activities will be completed within 180 days starting within 4 months of closure plan approval.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



UNIT CAPACITY

55-GAL 10-GAL 1-LITER
12 0 0

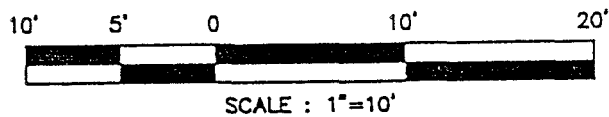
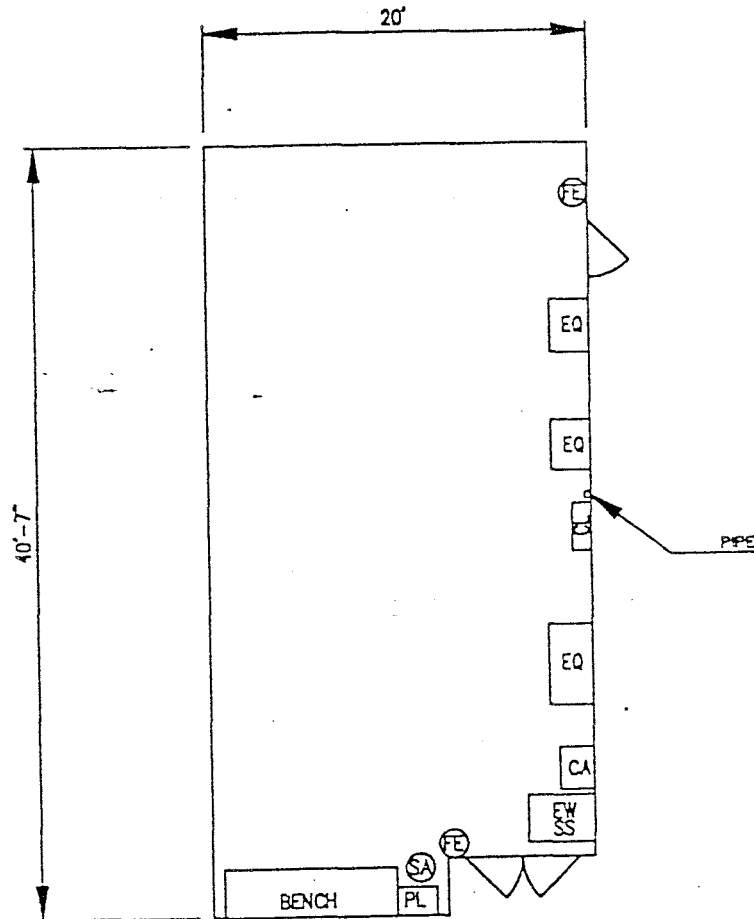
[illegible]

Unit Information Sheet

Unit Number: 90.38
Building: 779
Room: 133
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 330 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-372

Unit Specific Information:

1. Closure activities will be completed within 180 days starting within 4 months of closure plan approval.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



UNIT CAPACITY
1. TYPICAL INVENTORY (t):

55-GAL 10-GAL 1-LITER
8 0 0

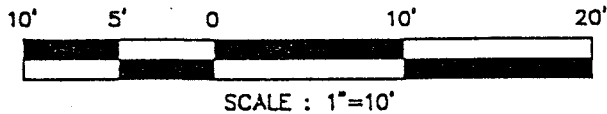
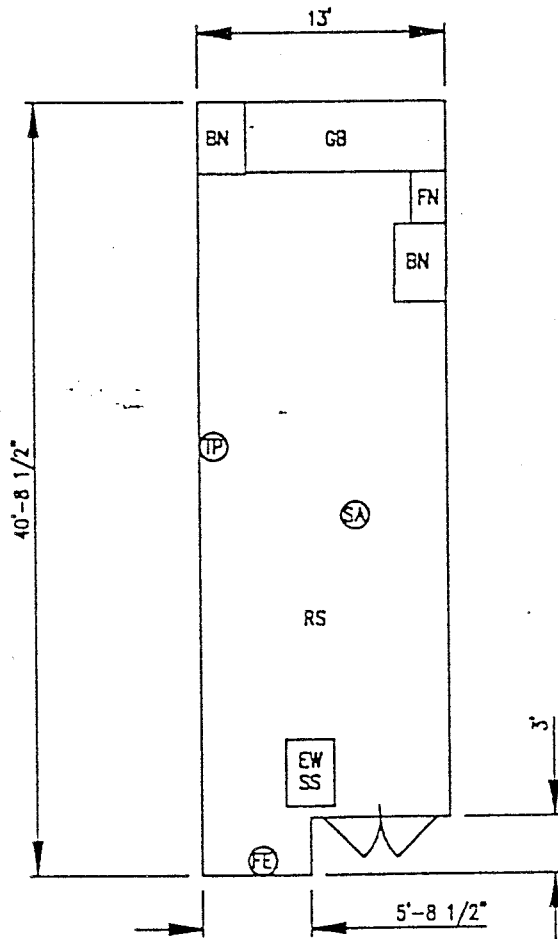
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RCRA		DESCRIPTION		DATE		DOE		CLASS		JOB NO.			
CONTAINER		DECORATED		SCANS		07/31/95		U.S. DEPARTMENT OF ENERGY		ROCKY PLATE AREA OFFICE		GOLD/COLORADO	
STORAGE		DRAWN		NAME		07/31/95		Rocky Plate Environmental		Technology Site		GOLD/COLORADO 89401	
WASTE		CHECKED		REVIEW		07/31/95		RCRA PERMIT MODIFICATION		CONTAINER STORAGE		UNIT ID 90.38	
SECONDARY		APPROVED											
BLDG/FACILITY		SUBMITTED		RECEIVED		07/31/95		SIZE		DRAWING NUMBER		SHEET	
778										A 39650-372		A	
ROOM/AREA		SCALE		APPROVED									
133		1"=10'		BY									
WIND COOL/COOL NO.		APPROVED		DOE									
03													
MASTER													
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>													

Unit Information Sheet

Unit Number: 90.39
Building: 779
Room: 137
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 220 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-374

Unit Specific Information:

1. Closure activities will be completed within 180 days starting within 4 months of closure plan approval.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



UNIT CAPACITY

1. TYPICAL INVENTORY (t):

SS-GAL 10-GAL 1-LITER

4 0 0

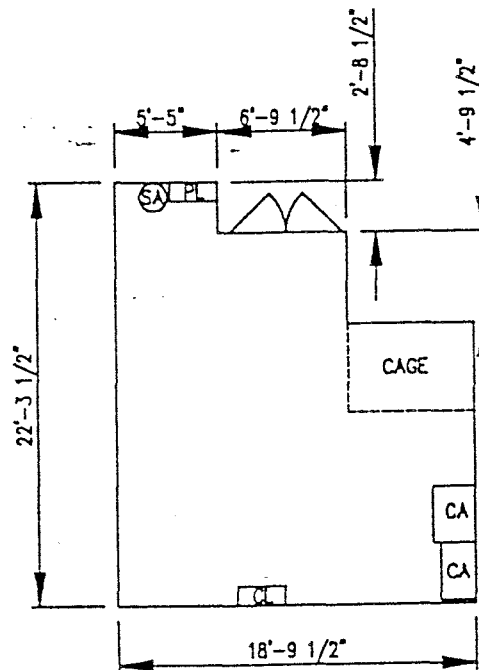
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1. RCRA	100	DESCRIPTION	DATE	FOR	DOC	PLAN	JOB NO.	
2. CONTAINER	X	DESIGNED	SCALE	07/31/95	U.S. DEPARTMENT OF ENERGY			
3. STORAGE		DRAWN	NAME	07/31/95	ROCKY PLATE AREA OFFICE			
4. WASTE		CHECKED	BY	07/31/95	Rocky Plate Environmental Technology Site			
5. SECONDARY		APPROVED			GOLD/COLORADO 89401			
6. FACILITY					RCRA PERMIT MODIFICATION			
779					CONTAINER STORAGE			
RCRA/NEA					UNIT ID 90.39			
137								
NO. 000, 000, 000								
02								
MASTER	SCALE	1"=10'	07/31/95	DATE	DRAWING NUMBER	SCALE	SHEET	
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>					A 39650-374	A	1	

Unit Information Sheet

Unit Number: 90.42
Building: 779
Room: 159
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 2,090 gallons
Secondary Containment Type: N/A
Drawing Number: 39650-378

Unit Specific Information:

1. Closure activities will be completed within 180 days starting within 4 months of closure plan approval.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution. Cleaning of the caged area is not required because this area was not used for storage of hazardous waste and is separated from the rest of the room by a berm.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



UNIT CAPACITY

1. TYPICAL INVENTORY (1):

55-GAL 10-GAL 1-LITER

38 0 0



SCALE : 1"=10'

KEYWORDS		A ORIGINAL ISSUE		07/31/95		DATE		FOR		DOE		EPA		JOB NO.	
RCRA		DESCRIPTION		DATE		FOR		DOE		EPA		JOB NO.			
CONTAINER		DESIGNED		SEWER		07/31/95		U.S. DEPARTMENT OF ENERGY		ROCKY PLATE AREA OFFICE		SOLIDWASTE			
STORAGE		DRAWN		BANK		07/31/95		Rocky Flats Environmental		Technology Site		SOLIDWASTE		20401	
WASTE		CHECKED		BETTER		07/31/95		RCRA PERMIT MODIFICATION		CONTAINER STORAGE		UNIT ID 90.42			
SECONDARY		APPROVED						DRAWING NUMBER		SHEET		A		OF	
BLDG/FACILITY		MASTER		SCHOOL		07/31/95		A39650-378		A					
ROOM/AREA		SCALE		1"=10'											
DOE CODE, VOL. NO.		MASTER		DOE											
LS															

Unit Information Sheet

Unit Number: 90.43
Building: 779
Room: 160
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 1,100 gallons
Secondary Containment Type: N/A
Drawing Number: 39650-379

Unit Specific Information:

1. Closure activities will be completed within 180 days starting within 4 months of closure plan approval.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.

Unit Information Sheet

Unit Number: 90.49
Building: 777
Room: 131
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 5,995 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-344

Unit Specific Information:

1. Initiation of closure is deferred because this unit contains piping for one or more hazardous waste tank systems. Closure of this unit will commence after the hazardous waste piping in this room is removed in order to avoid duplicate cleaning of the floor, which would lead to increased worker exposure and additional generation of waste.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.

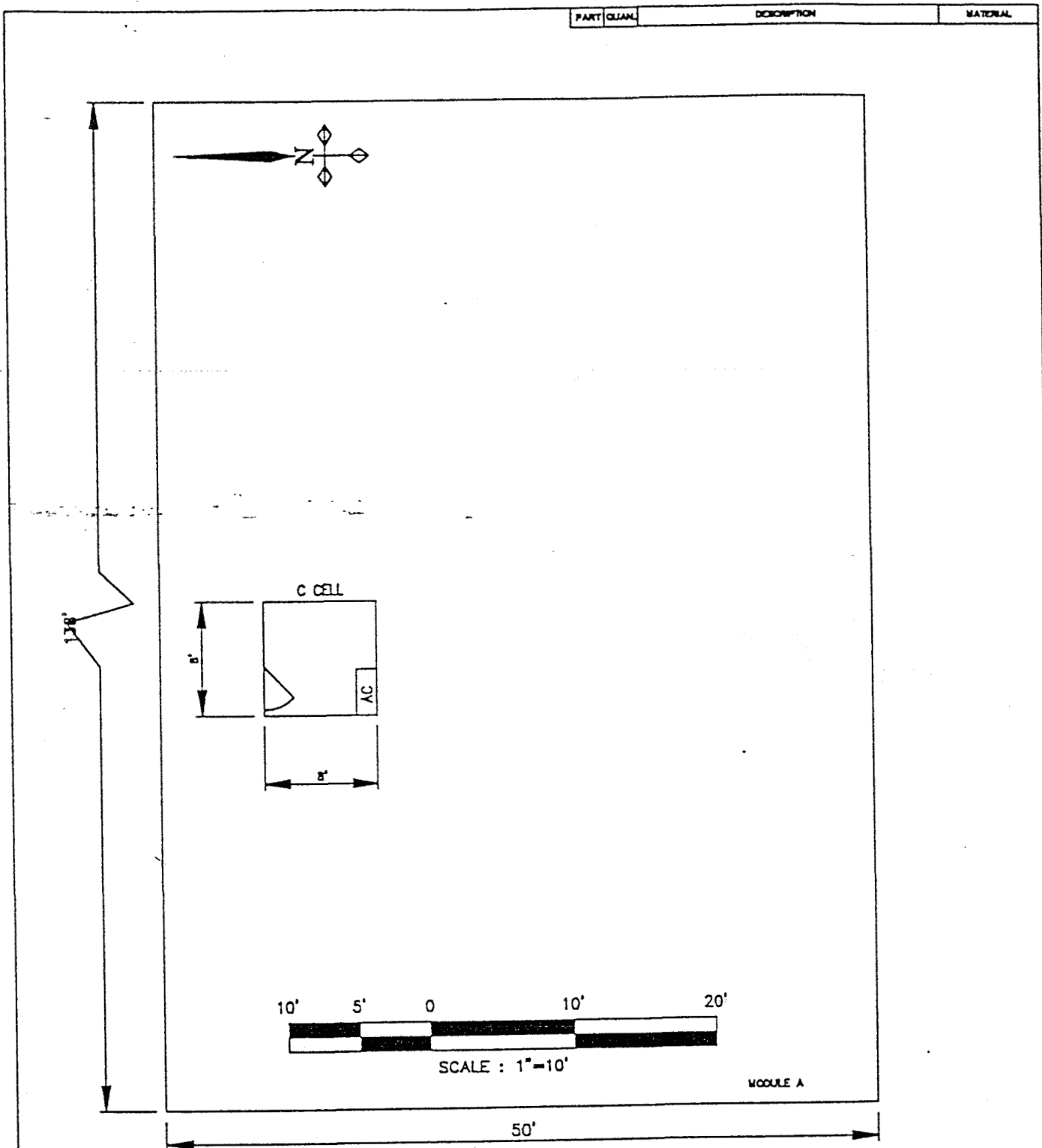
Unit Information Sheet

Unit Number: 90.59
Building: 707
Room: Module A C-Cell
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 220 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-253

Unit Specific Information:

1. Closure activities will be completed within 180 days following approval of the closure plan.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.

56



UNIT CAPACITY

1. TYPICAL INVENTORY (ft):

55-GAL 10-CAL 1-LITER

4 0 0

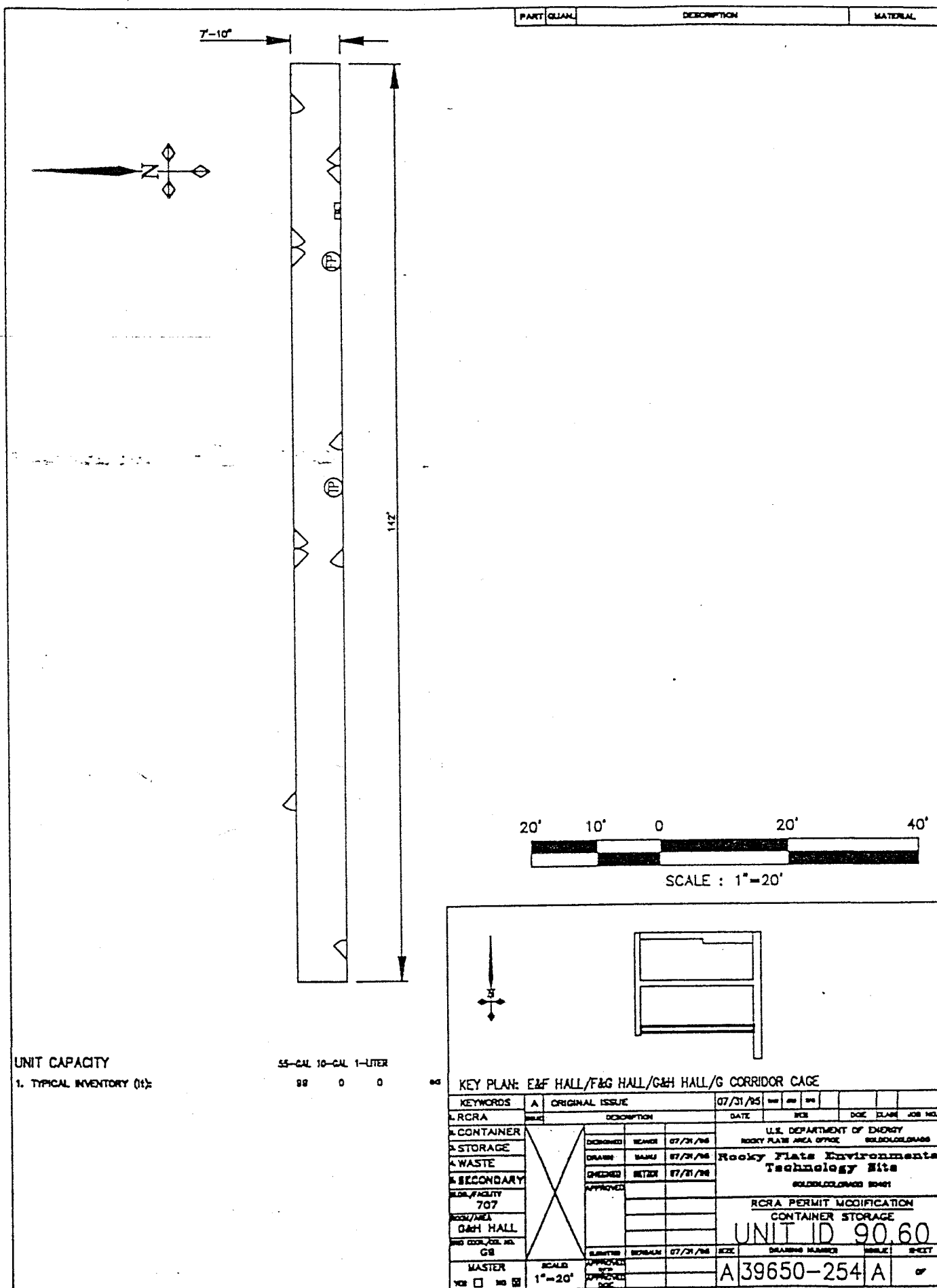
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RCRA		DESCRIPTION		DATE		DOE PLANS JOB NO.		U.S. DEPARTMENT OF ENERGY	
CONTAINER		DRAWING		07/31/95		DOE PLANS JOB NO.		ROCKY FLATS AREA OFFICE	
STORAGE		DRAWING		07/31/95		DOE PLANS JOB NO.		Rocky Flats Environmental	
WASTE		DRAWING		07/31/95		DOE PLANS JOB NO.		Technology Site	
SECONDARY		DRAWING		07/31/95		DOE PLANS JOB NO.		SOLID/COLORADO 89401	
FACILITY		DRAWING		07/31/95		DOE PLANS JOB NO.		RCRA PERMIT MODIFICATION	
707		DRAWING		07/31/95		DOE PLANS JOB NO.		CONTAINER STORAGE	
AREA		DRAWING		07/31/95		DOE PLANS JOB NO.		UNIT ID 90.59	
C-CELL		DRAWING		07/31/95		DOE PLANS JOB NO.		A 39650-253 A	
E3		DRAWING		07/31/95		DOE PLANS JOB NO.		A 39650-253 A	
MASTER		DRAWING		07/31/95		DOE PLANS JOB NO.		A 39650-253 A	
YES		DRAWING		07/31/95		DOE PLANS JOB NO.		A 39650-253 A	
NO		DRAWING		07/31/95		DOE PLANS JOB NO.		A 39650-253 A	

Unit Information Sheet

Unit Number: 90.60
Building: 707
Room: G&H Hall
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 5,445 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-254

Unit Specific Information:

1. Closure activities will be completed within 180 days following approval of the closure plan.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.

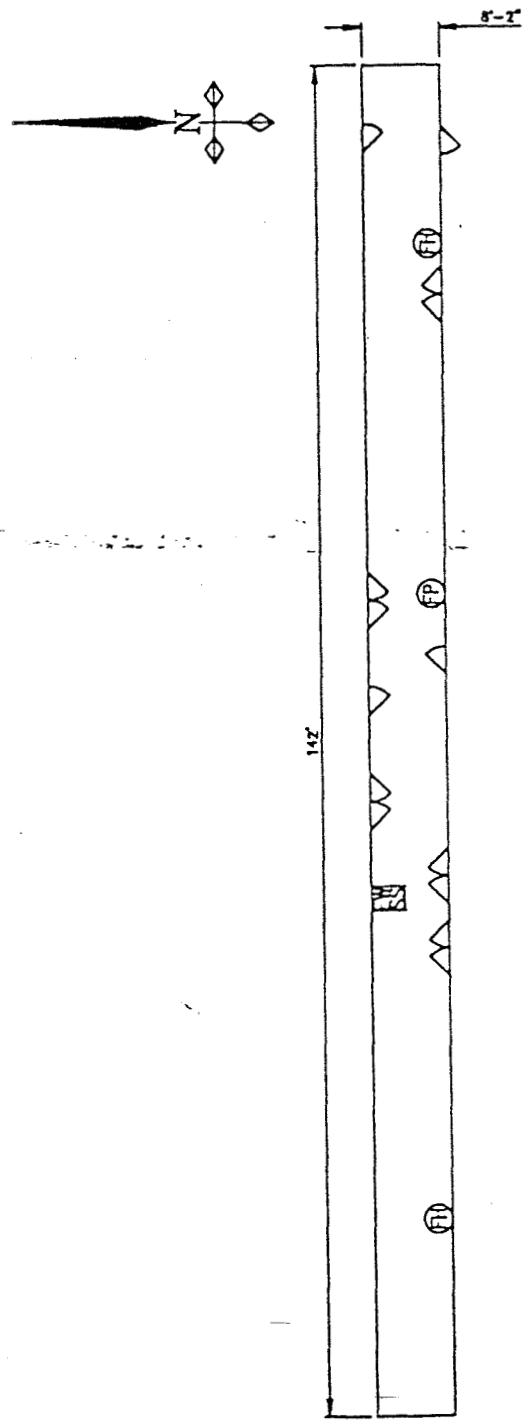


Unit Information Sheet

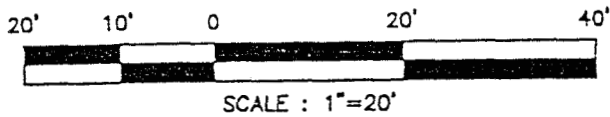
Unit Number: 90.61
Building: 707
Room: F&G Hall
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 4,950 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-255

Unit Specific Information:

1. Closure activities will be completed within 180 days following approval of the closure plan.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



PART	QUANTITY	DESCRIPTION	MATERIAL
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UNIT CAPACITY
TYPICAL INVENTORY (1):

55-GAL 10-CAL 1-LITER
90 0 0

KEY PLAN: E&F HALL/F&G HALL/G&H HALL/G CORRIDOR CAGE

KEYWORDS	A	ORIGINAL ISSUE	07/31/95	==	==	==			
RCRA		DESCRIPTION	DATE	FOR	DOC	PLANS	JOB NO.		
CONTAINER	X	DESIGNED	SEANER	07/31/95	U.S. DEPARTMENT OF ENERGY ROCKY PLATE AREA OFFICE Rocky Plate Environmental Technology Site GOLD/COLORADO 88401				
STORAGE		DRAWN	MAHLI	07/31/95					
WASTE		CHECKED	NETEN	07/31/95					
SECONDARY		APPROVED							
ALSO, FACILITY									
707									
RCRA/AREA									
F&G HALL									
MSR COR. PL. NO.									
G13									
MASTER									
VER	<input type="checkbox"/> 100								

UNIT ID 90.61

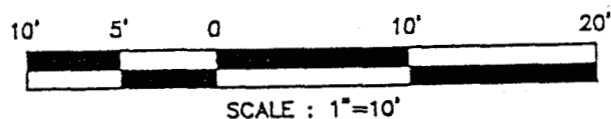
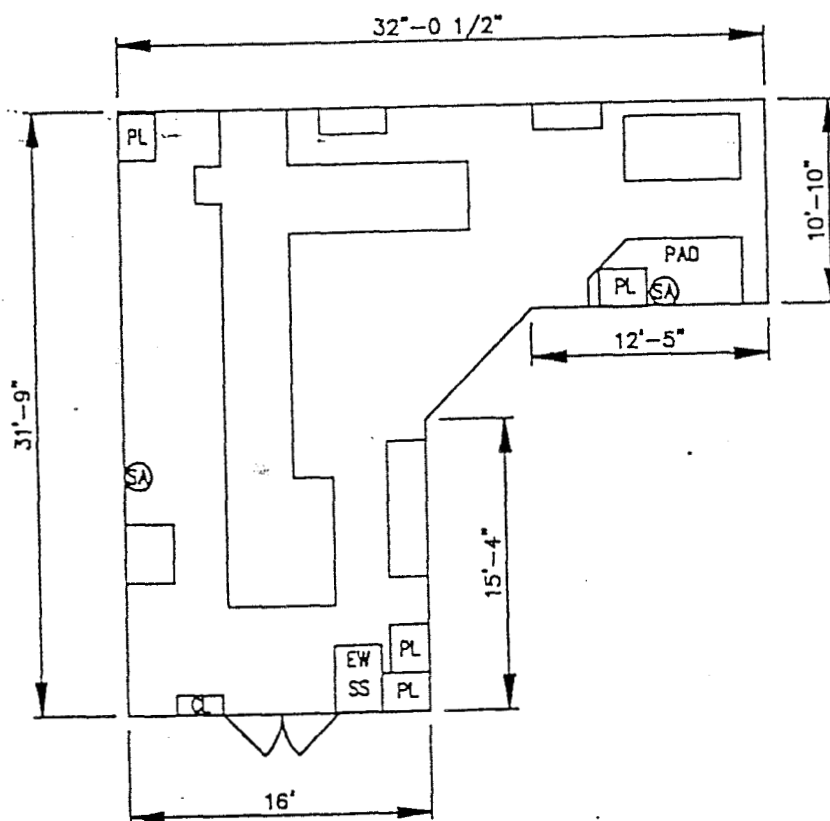
A39650-255 A

Unit Information Sheet

Unit Number: 90.71
Building: 371
Room: 3511
Type: Vault
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues
Maximum Capacity: 1,370 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-224

Unit Specific Information:

1. Initiation of closure is deferred because this unit is being used for storage of Special Nuclear Material. Closure of this unit will commence when the unit ceases to be used for storage of Special Nuclear Material so that additional moves of Special Nuclear Material, resulting in increased worker exposure, are not necessary.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



1. TYPICAL INVENTORY (11)

~~55-GAL 10-GAL 1-LITER~~

0 137 0

KEYWORDS	ORIGINAL ISSUE		07/31/85		DD	MM	YY						
1. RCRA	DATE	DESCRIPTION		DATE	FOL		DOE		PLANN	JOB NO.			
2. CONTAINER	X	DESIGNED	SEALER	07/31/85	U.S. DEPARTMENT OF ENERGY								
3. STORAGE		DRAWN	SAMPLE	07/31/85	ROCKY FLATS AREA OFFICE				SOLIDWASTE/CRS				
4. WASTE		CHARGED	ENTER	07/31/85	Rocky Flats Environmental Technology Site				SOLIDWASTE/CRS				
5. SECONDARY		APPROVED											
DOE/FACILITY					RCRA PERMIT MODIFICATION								
371					CONTAINER STORAGE								
DOE/AREA					UNIT ID 90.71								
3311													
WFO CODE/ACC NO.													
K8													
MASTER		SCALE	APPROVAL	DATE	SIZE	DRAWING NUMBER	TABLE	SHEET					
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	1" = 10'	APPROVED		07/31/85	A	39650-224	A	OF					

Unit Information Sheet

Unit Number: 90.74
Building: 707
Room: 141 (J-Vault)
Type: Vault
Unit Description: Indoor Container Storage Room
Waste Description: Solid Mixed Residues
Maximum Capacity: 203 gallons
Secondary Containment Type: N/A
Drawing Number: 39650-256

Unit Specific Information:

1. Initiation of closure is deferred because this unit is being used for storage of Special Nuclear Material. Closure of this unit will commence when the unit ceases to be used for storage of Special Nuclear Material so that additional moves of Special Nuclear Material, resulting in increased worker exposure, are not necessary.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.

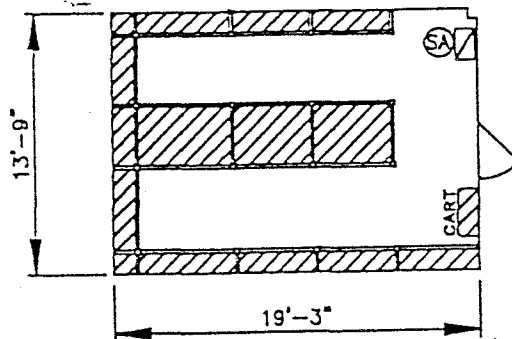
64

Unit Information Sheet

Unit Number: 90.82
Building: 771
Room: 188
Type: Vault
Unit Description: Indoor Container Storage Room
Waste Description: Solid Mixed Residues
Maximum Capacity: 39 gallons
Secondary Containment Type: N/A
Drawing Number: 39650-290

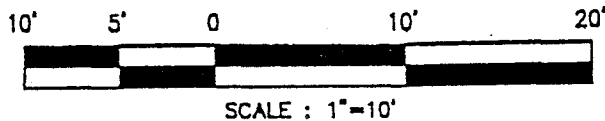
Unit Specific Information:

1. Initiation of closure is deferred because this unit is being used for storage of Special Nuclear Material. Closure of this unit will commence when the unit ceases to be used for storage of Special Nuclear Material so that additional moves of Special Nuclear Material, resulting in increased worker exposure, are not necessary.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



UNIT CAPACITY
TYPICAL INVENTORY (t):

55-GAL 10-GAL 1-LITER
0 0 146



KEYWORDS	A	ORIGINAL ISSUE	07/31/95	REV	DATE	DOE	PLANN	JOB NO.
RCRA	DATE	DESCRIPTION	DATE	REV	DOE	PLANN	JOB NO.	
CONTAINER	DESIGNED	REVISION	07/31/95		U.S. DEPARTMENT OF ENERGY			
STORAGE	DRAWN	REVISION	07/31/95		ROCKY FLATS AREA OFFICE			
WASTE	CHECKED	SECTION	07/31/95		Rocky Flats Environmental Technology Site			
SECONDARY	APPROVED				GOLD/COLORADO 88401			
771					RCRA PERMIT MODIFICATION			
188					CONTAINER STORAGE			
F2					UNIT ID 90.82			
MASTER	SCALE	1"=10'			A 39650-290 A			

Unit Information Sheet

Unit Number: 90.84
Building: 771
Room: 180B
Type: Vault
Unit Description: Indoor Container Storage Room
Waste Description: Solid Mixed Residues
Maximum Capacity: 786 gallons
Secondary Containment Type: N/A
Drawing Number: 39650-292

Unit Specific Information:

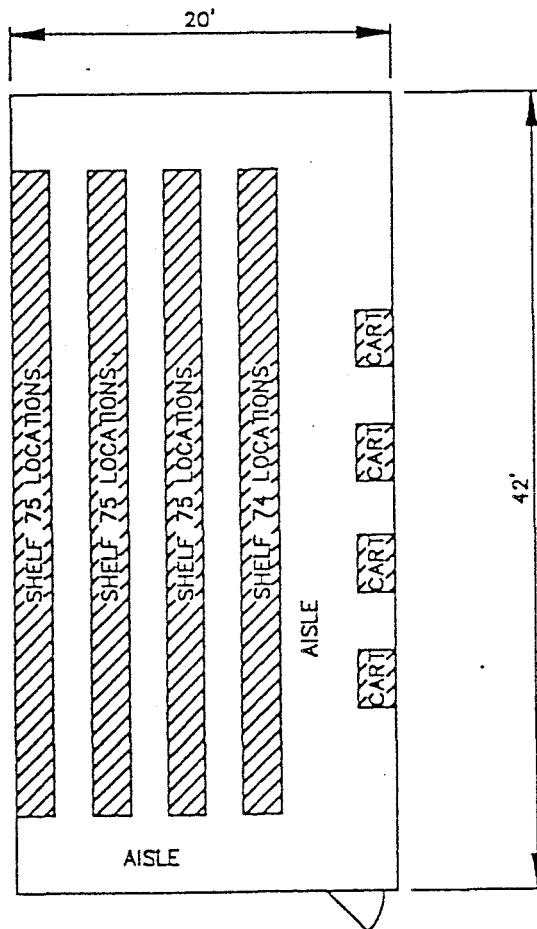
1. Initiation of closure is deferred because this unit is being used for storage of Special Nuclear Material. Closure of this unit will commence when the unit ceases to be used for storage of Special Nuclear Material so that additional moves of Special Nuclear Material, resulting in increased worker exposure, are not necessary.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.

Unit Information Sheet

Unit Number: 90.85
Building: 776
Room: 152
Type: Vault
Unit Description: Indoor Container Storage Room
Waste Description: Solid Mixed Residues
Maximum Capacity: 640 gallons
Secondary Containment Type: N/A
Drawing Number: 39650-326

Unit Specific Information:

1. Initiation of closure is deferred because this unit is being used for storage of Special Nuclear Material. Closure of this unit will commence when the unit ceases to be used for storage of Special Nuclear Material so that additional moves of Special Nuclear Material, resulting in increased worker exposure, are not necessary.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
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 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



UNIT CAPACITY

1. TYPICAL INVENTORY (It):

55-GAL 10-GAL 1-LITER

10 0 339



SCALE : 1"=10'

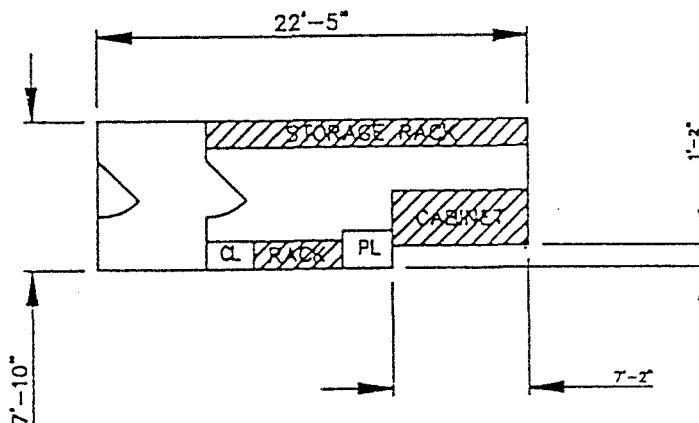
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RCRA		DESCRIPTION		DATE		DOE PLANN JOB NO.	
CONTAINER		DESIGNED		07/31/95		U.S. DEPARTMENT OF ENERGY	
STORAGE		DRAWN		07/31/95		ROCKY FLATS AREA OFFICE	
WASTE		CHECKED		07/31/95		Rocky Flats Environmental	
SECONDARY		APPROVED		07/31/95		Technology Site	
SOLID/FACILITY		APPROVED		07/31/95		SOLID/CLC/DOE/DOE	
778		APPROVED		07/31/95		RCRA PERMIT MODIFICATION	
152		APPROVED		07/31/95		CONTAINER STORAGE	
E2W		APPROVED		07/31/95		UNIT ID 90.85	
MASTER		APPROVED		07/31/95		DRAWING NUMBER	
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		APPROVED		07/31/95		SHEET	
SCALE 1"=10'		APPROVED		07/31/95		A 39650-326 A	

Unit Information Sheet

Unit Number: 90.92
Building: 779
Room: 160A
Type: Vault
Unit Description: Indoor Container Storage Room
Waste Description: Solid Mixed-Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 70 gallons
Secondary Containment Type: N/A
Drawing Number: 39650-383

Unit Specific Information:

1. Initiation of closure is deferred because this unit is being used for storage of Special Nuclear Material. Closure of this unit will commence when the unit ceases to be used for storage of Special Nuclear Material so that additional moves of Special Nuclear Material, resulting in increased worker exposure, are not necessary.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



UNIT CAPACITY

1. TYPICAL INVENTORY (lb):

55-GAL 10-GAL 4-LITER

0 0 68



SCALE : 1"=10'

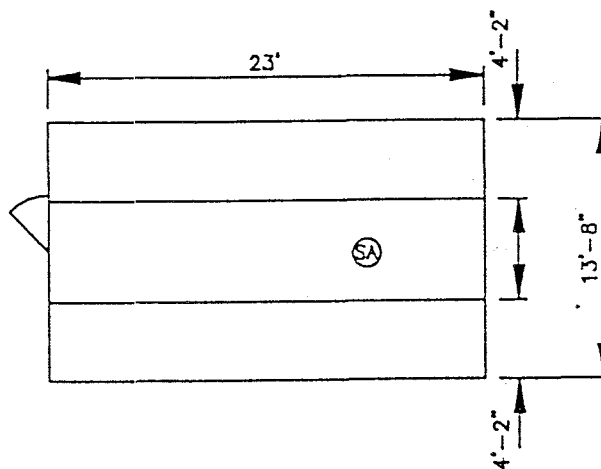
KEYWORDS	A	ORIGINAL ISSUE	07/31/95	ISS	REV	DATE	DOE	CLARK	JOB NO.
RCRA	ISSUE	DESCRIPTION	DATE	ISS	REV	DATE	DOE	CLARK	JOB NO.
CONTAINER		DESIGNED	07/31/94						
STORAGE		DRAWN	07/31/94						
WASTE		CHECKED	07/31/94						
SECONDARY		APPROVED							
778									
180A									
N7									
MASTER									
SCALE		1"=10'							
U.S. DEPARTMENT OF ENERGY Rocky Flats Environmental Technology Site GOLDEN, COLORADO 80401			RCRA PERMIT MODIFICATION CONTAINER STORAGE						
UNIT ID 90.92			A 39650-383 A						

Unit Information Sheet

Unit Number: 90.94
Building: 371
Room: 3331
Type: Vault
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues
Maximum Capacity: 2,940 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-227

Unit Specific Information:

1. Initiation of closure is deferred because this unit is being used for storage of Special Nuclear Material. Closure of this unit will commence when the unit ceases to be used for storage of Special Nuclear Material so that additional moves of Special Nuclear Material, resulting in increased worker exposure, are not necessary.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



SCALE : 1"=10'

UNIT CAPACITY

55-GAL 10-CAL 1-LITER

1. TYPICAL INVENTORY (1):

0 294 0

KEYWORDS	A	ORIGINAL ISSUE	07/31/95	==	==	==	==	==	==
1. RCRA	101	DESCRIPTION	DATE	FOR	DOE PLAN	JOB NO.			
2. CONTAINER		DESIGNED	SEAN	07/31/95	U.S. DEPARTMENT OF ENERGY				
3. STORAGE		DRAWN	WALSH	07/31/95	ROCKY PLATE AREA OFFICE				
4. WASTE		CHECKED	WILSON	07/31/95	Rocky Plate Environmental Technology Site				
5. SECONDARY		APPROVED			GOLDEN, COLORADO 80401				
6. FACILITY					RCRA PERMIT MODIFICATION				
7. 371					CONTAINER STORAGE				
8. 3331					UNIT ID 90.94				
9. 000, 001, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 012, 013, 014, 015, 016, 017, 018, 019, 020, 021, 022, 023, 024, 025, 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038, 039, 040, 041, 042, 043, 044, 045, 046, 047, 048, 049, 050, 051, 052, 053, 054, 055, 056, 057, 058, 059, 060, 061, 062, 063, 064, 065, 066, 067, 068, 069, 070, 071, 072, 073, 074, 075, 076, 077, 078, 079, 080, 081, 082, 083, 084, 085, 086, 087, 088, 089, 090, 091, 092, 093, 094, 095, 096, 097, 098, 099, 100									
10. MASTER		SCALE	1"=10'	APPROVED	DATE	DRAWING NUMBER	DATE	BY	DATE
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>					07/31/95	39650-227	A		

Unit Information Sheet

Unit Number: 90.95
Building: 371
Room: 3327
Type: Vault
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues
Maximum Capacity: 2,880 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-228

Unit Specific Information:

1. Initiation of closure is deferred because this unit is being used for storage of Special Nuclear Material. Closure of this unit will commence when the unit ceases to be used for storage of Special Nuclear Material so that additional moves of Special Nuclear Material, resulting in increased worker exposure, are not necessary.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.

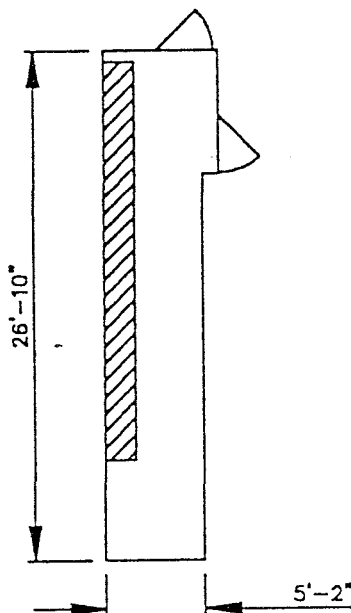
Unit Information Sheet

Unit Number: 90.97
Building: 771
Room: 147
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 7 gallons
Secondary Containment Type: N/A
Drawing Number: 39650-293

Unit Specific Information:

1. Closure will be completed within 360 days starting within one year of closure plan approval due to inventory consolidation issues and the necessity to clean three-dimensional container storage bins.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor and storage bins using an appropriate decontamination solution.
 - d. Rinse the floor and storage bins and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.

78



UNIT CAPACITY

1. TYPICAL INVENTORY (1):

55-GAL 10-CM 1-LITER

0 0 27



SCALE : 1"=10'

KEYWORDS		A ORIGINAL ISSUE		07/31/95											
1. RCRA		DESCRIPTION		DATE		REV		DOC		CLASS		JOB NO.			
2. CONTAINER		<div style="display: flex; align-items: center;"> <div style="font-size: 4em; margin-right: 10px;">X</div> <div> <p>DESIGNED: TEASER 07/24/94</p> <p>DRAWN: BAKU 07/24/94</p> <p>CHECKED: SETZEN 07/24/94</p> <p>APPROVED:</p> </div> </div>		U.S. DEPARTMENT OF ENERGY											
3. STORAGE				ROCKY PLATE AREA OFFICE		SOLD/COLO/NO/00									
4. WASTE				Rocky Plate Environmental		Technology Site									
5. SECONDARY															
6. LOCATION		771													
7. COORDINATES		147													
8. OTHER DATA		013													
MASTER		SCALE		1"=10'		APPROVED		BY		DATE		APPROVED		DOC	
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>															

UNIT ID 90.97

A 39650-293 A

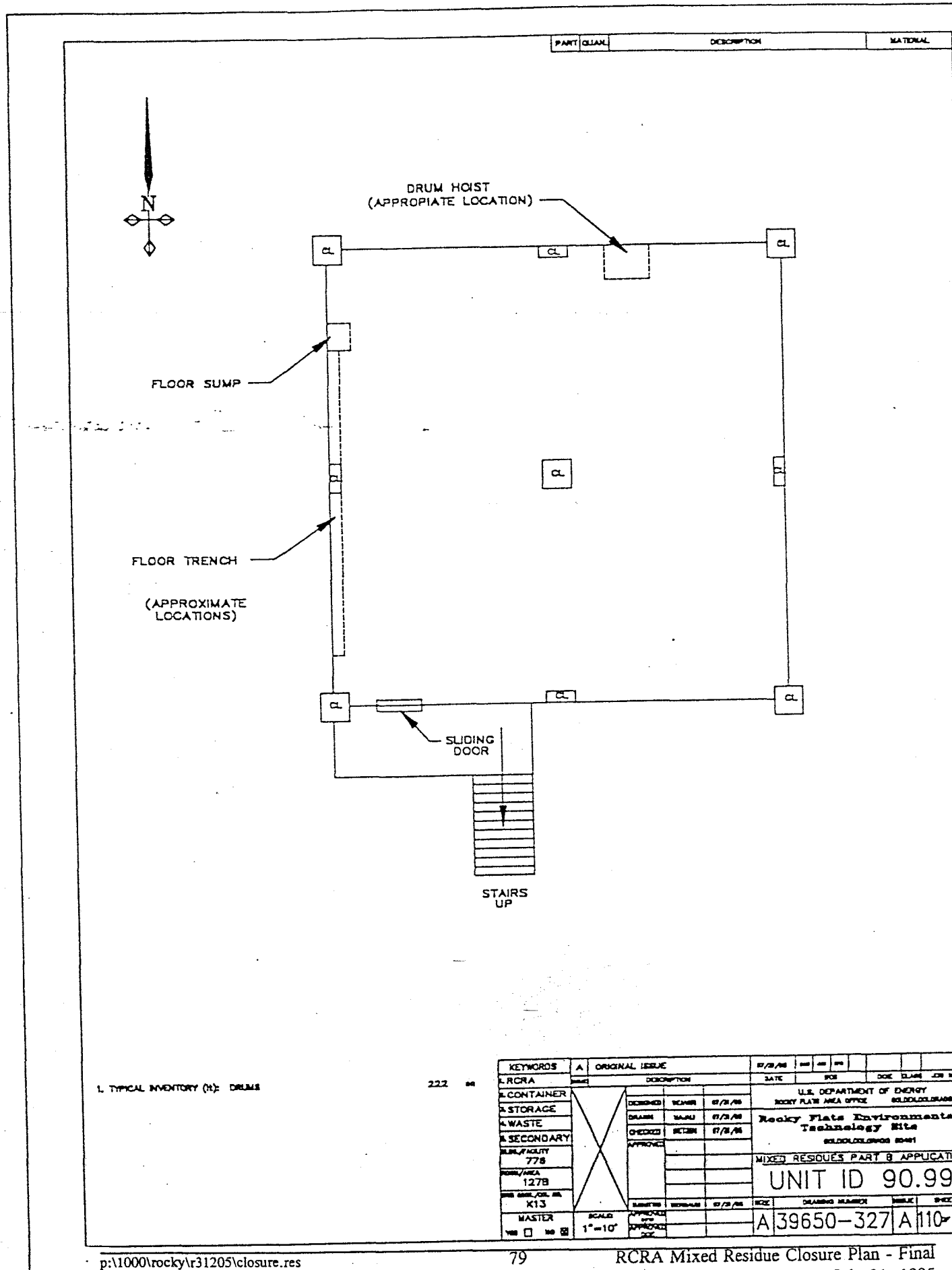
79

Unit Information Sheet

Unit Number: 90.99
Building: 776
Room: 127 Basement
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 12,210 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-327

Unit Specific Information:

1. Initiation of closure is deferred until future decontamination and decommissioning of the facility, to prevent future re-contamination of the unit.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



KEYWORDS	A	ORIGINAL ISSUE	DATE	FOR	DOE CLASS	JOB NO.
RCRA			07/28/95			
CONTAINER						
STORAGE						
WASTE						
SECONDARY						
778						
1278						
K13						
MASTER						
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Unit Information Sheet

Unit Number: 90.102
Building: 559
Room: 103
Type: Glovebox
Unit Description: Glovebox
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 287 gallons
Secondary Containment Type: Glovebox
Drawing Number: 39650-245

Unit Specific Information:

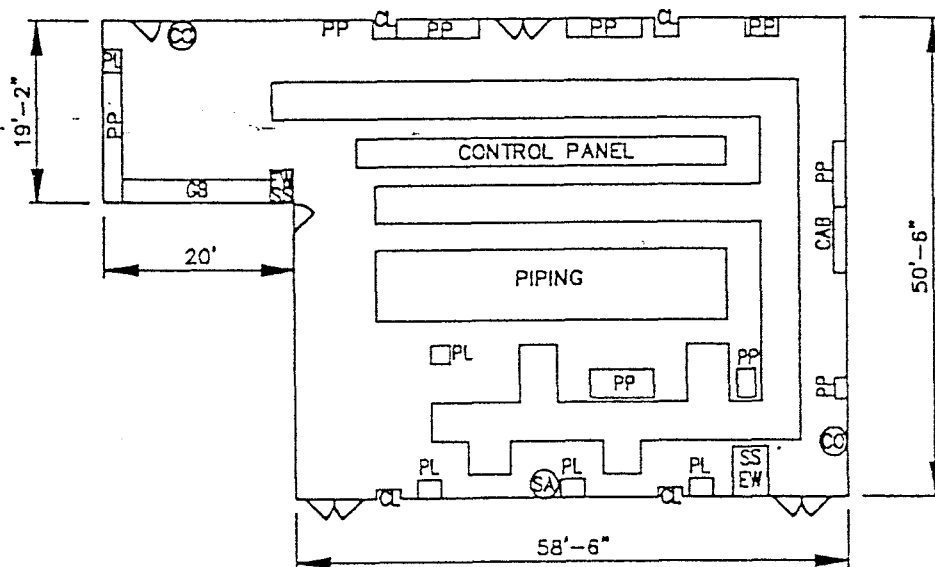
1. Closure activities will be completed within 180 days starting within 4 months of closure plan approval.
2. Wastes stored in this unit include characteristic wastes, but not listed wastes.
3. Anticipated closure activities are expected to include the following as outlined in Section B of this plan:
 - a. Remove waste inventory and other materials from the unit.
 - b. Inspect the glovebox surface to determine if it is clean and dry.
 - c. If the surface is not clean and dry, wipe or otherwise clean the glovebox surface until it is clean and dry.

Unit Information Sheet

Unit Number: 90.104
Building: 371
Room: 3305
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 2,695 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-232

Unit Specific Information:

1. Initiation of closure is deferred because this unit contains piping for one or more hazardous waste tank systems. Closure of this unit will commence after the hazardous waste piping in this room is removed in order to avoid duplicate cleaning of the floor, which would lead to increased worker exposure and additional generation of waste.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



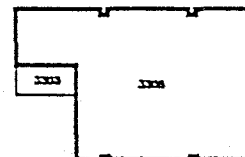
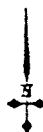
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UNIT CAPACITY

TYPICAL INVENTORY (R):

~~55-GAL 10-GAL 1-LITER~~

4 0 0



KEY PLAN: RM# 3303/3305

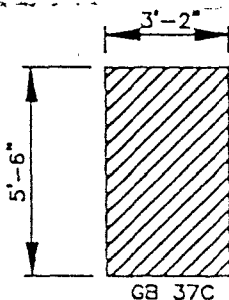
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Unit Information Sheet

Unit Number: 90.104
Building: 371
Room: 3305
Type: Glovebox
Unit Description: Glovebox
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 1 gallons
Secondary Containment Type: Glovebox
Drawing Number: 39650-233

Unit Specific Information:

1. Initiation of closure is deferred until future decontamination and decommissioning of the glovebox, as hazardous re-contamination by rusting equipment within the glovebox is highly probable.
2. Closure of this unit will be affected by dismantlement of the glovebox and its removal from the facility.
3. Wastes stored in this unit included characteristic wastes, but not listed wastes.
4. The following closure activities are anticipated at the initiation of decontamination and decommissioning:
 - a. Remove remaining waste inventory and other materials from the unit.
 - b. Wipe or otherwise clean the glovebox surface until it is clean and dry.



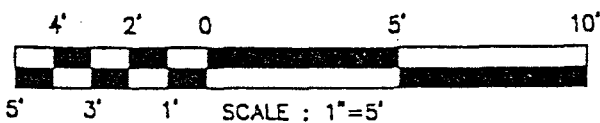
UNIT CAPACITY

1. TYPICAL INVENTORY (lb):

4-LITER

1 ea

KEYWORDS		A ORIGINAL ISSUE		07/31/85		DATE		FOR		DOE		EPA		JOB NO.	
RCRA		DESCRIPTION		07/31/85		U.S. DEPARTMENT OF ENERGY		ROCKY PLATE AREA OFFICE		BOLDEN/COLORADO					
CONTAINER		DESIGNED		07/31/85		Rocky Flats Environmental		Technology Site		BOLDEN/COLORADO 80401					
STORAGE		DRAWN		07/31/85		RCRA PERMIT MODIFICATION		CONTAINER STORAGE		UNIT ID 90.104					
WASTE		CHECKED		07/31/85		DRAWING NUMBER		REVISION		SHEET					
SECONDARY		APPROVED				A/39650-233		A							
BLOCK/FACILITY		SUBMITTER		07/31/85		SCALE		1"=5'							
371		BOLDEN													
3305/08		APPROVED													
G2		DOE													
MASTER		SCALE		1"=5'											

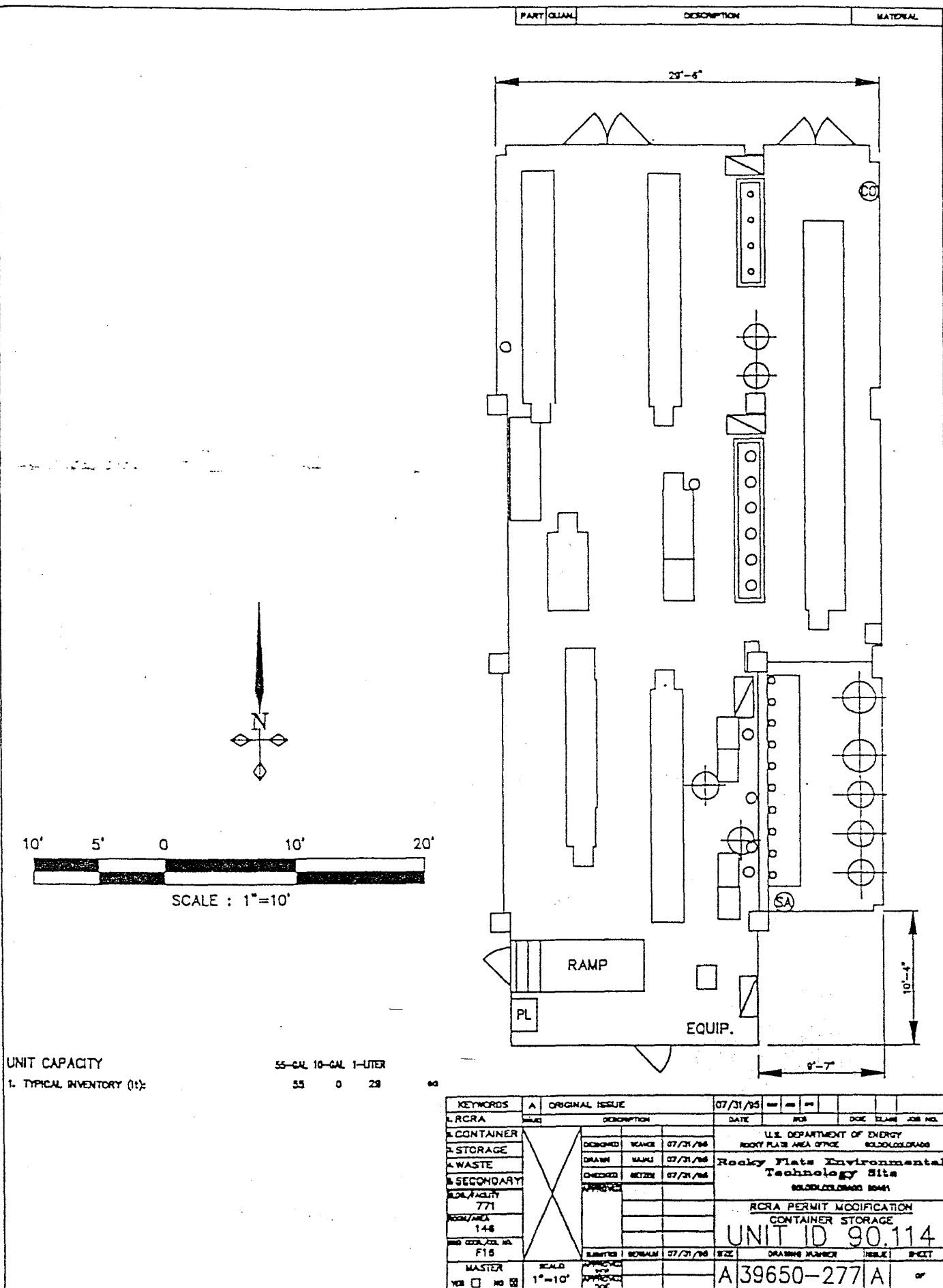


Unit Information Sheet

Unit Number: 90.114
Building: 771
Room: 146
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 3,033 gallons
Secondary Containment Type: Coated Concrete
Drawing Number: 39650-277

Unit Specific Information:

1. Initiation of closure is deferred because this unit contains piping for one or more hazardous waste tank systems. Closure of this unit will commence after the hazardous waste piping in this room is removed in order to avoid duplicate cleaning of the floor, which would lead to increased worker exposure and additional generation of waste.
2. Wastes stored in this unit included characteristic wastes, but not listed wastes.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



Unit Information Sheet

Unit Number: 90.114
Building: 771
Room: 146
Type: Glovebox
Unit Description: Glovebox
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 908 gallons
Secondary Containment Type: Glovebox
Drawing Number: 39650-298

Unit Specific Information:

1. Initiation of closure is deferred due to the role of the glovebox unit as secondary containment for hazardous waste tanks and ancillary piping. Closure of this unit will commence after hazardous waste piping in this room is removed in order to avoid duplicate cleaning of the floor, which would lead to increased worker exposure and additional generation of waste.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities are expected to include the following as outlined in Section B of this plan:
 - a. Remove waste inventory and other materials from the unit.
 - b. Inspect the glovebox surface to determine if it is clean and dry.
 - c. If the surface is not clean and dry, wipe or otherwise clean the glovebox surface until it is clean and dry.

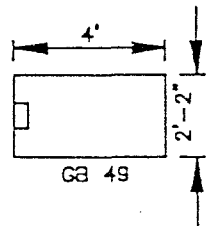
Unit Information Sheet

Unit Number: 90.138
Building: 771
Room: 154
Type: Glovebox
Unit Description: Glovebox
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 8 gallons
Secondary Containment Type: Glovebox
Drawing Number: 39650-308

Unit Specific Information:

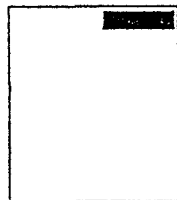
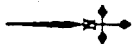
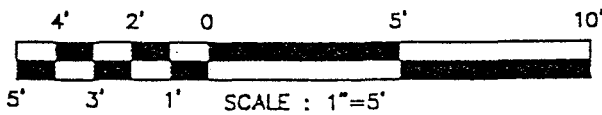
1. Closure activities will be completed within 180 days starting within 8 months of closure plan approval.
2. Wastes stored in this unit included characteristic wastes, but not listed wastes.
3. Anticipated closure activities are expected to include the following as outlined in Section B of this plan:
 - a. Remove waste inventory and other materials from the unit.
 - b. Inspect the glovebox surface to determine if it is clean and dry.
 - c. If the surface is not clean and dry, wipe or otherwise clean the glovebox surface until it is clean and dry.

02



UNIT CAPACITY
1. TYPICAL INVENTORY (11)

4-LITER
8 ea



KEY PLAN: RM# 154

KEYWORDS	A	ORIGINAL ISSUE	DATE	NO	DOE	BLANK	JOB NO.
RCRA	1	DESCRIPTION	07/31/95				
CONTAINER		DESIGNED	07/31/95				
STORAGE		DRAWN	07/31/95				
WASTE		CHECKED	07/31/95				
SECONDARY		APPROVED					
BLDG/FACILITY							
ROOM/AREA							
154/GB							
IND CODE/COL NO.							
M2							
MASTER							
YES <input type="checkbox"/> NO <input type="checkbox"/>							

U.S. DEPARTMENT OF ENERGY	ROCKY FLATS AREA OFFICE	ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
RCRA PERMIT MODIFICATION		
CONTAINER STORAGE		
UNIT ID 90.138		
DATE	DRAWING NUMBER	SHEET
07/31/95	A39650-308	A

Unit Information Sheet

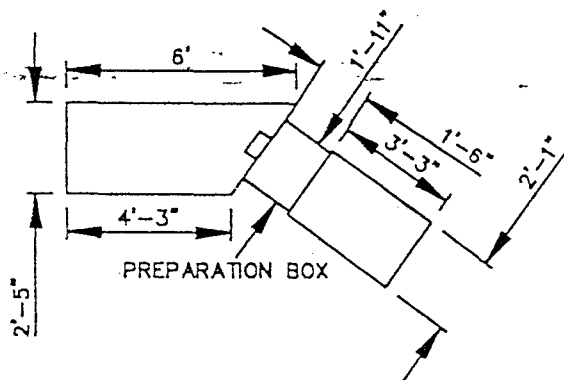
Unit Number: 90.139
Building: 771
Room: 158
Type: Glovebox
Unit Description: Glovebox
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 30 gallons
Secondary Containment Type: Glovebox
Drawing Number: 39650-309

Unit Specific Information:

1. Closure activities will be completed within 180 days starting within 8 months of closure plan approval.
2. Wastes stored in this unit included characteristic wastes, but not listed wastes.
3. Anticipated closure activities are expected to include the following as outlined in Section B of this plan:
 - a. Remove waste inventory and other materials from the unit.
 - b. Inspect the glovebox surface to determine if it is clean and dry.
 - c. If the surface is not clean and dry, wipe or otherwise clean the glovebox surface until it is clean and dry.

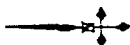
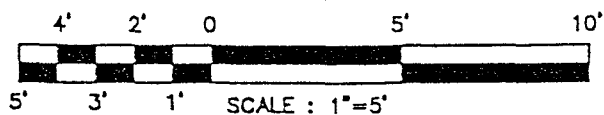
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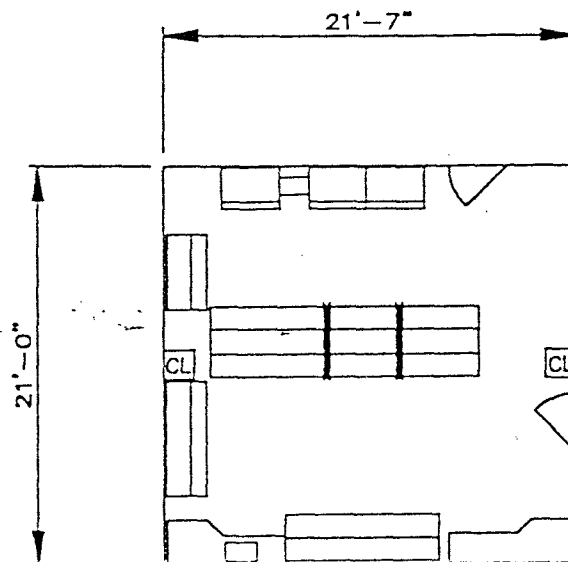
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CONTAINER	X	DESIGNED	KEANE	07/31/95	U.S. DEPARTMENT OF ENERGY					
STORAGE		DRAWN	MAHLE	07/31/95	ROCKY PLATE AREA OFFICE					
WASTE		CHECKED	BETZEL	07/31/95	ROCKY PLATE Environmental Technology Site					
SECONDARY		APPROVED			SOLD/DOE/9506 80441					
SCALE/FACTORY					RCRA PERMIT MODIFICATION					
771					CONTAINER STORAGE					
155/G8					UNIT ID 90.139					
END COR. CO. NO.										
M4		ISSUED	BORUM	07/31/95	SIZE	DRAWING NUMBER		FILE	SHEET	
MASTER		APPROVED			A 39650-309		A		OF	
SCALE 1" = 6'		APPROVED								

Unit Information Sheet

Unit Number: 90.140
Building: 771
Room: 159
Type: Room
Unit Description: Indoor Container Storage Room
Waste Description: Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 220 gallons
Secondary Containment Type: N/A
Drawing Number: 39650-311

Unit Specific Information:

1. Closure activities will be completed within 180 days starting within 8 months of closure plan approval.
2. Wastes stored in this unit may have included both characteristic and listed wastes. Closure rinsate samples will be analyzed for the volatile organic compounds and the RCRA TCLP metals listed in the closure performance standard.
3. Anticipated closure activities will be performed in a manner to achieve the objectives of the closure performance standard:
 - a. Non-detectable levels of organic hazardous constituents (benzene, carbon tetrachloride, tetrachloroethylene, methylene chloride, toluene, methyl ethyl ketone, 1,1,1-trichloroethane and trichloroethylene), and
 - b. Failure to exhibit any characteristic of a hazardous waste, as defined in 6 CCR 1007-3, Part 261, Subpart C, and
 - c. Levels of Toxicity Characteristic (TC) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver) are at or below the background level in the unused rinsate solution.
4. Anticipated closure activities are expected to include the following as outlined in Section B of this Plan:
 - a. Remove waste inventory from the unit, if not already removed.
 - b. Sweep concrete floor to remove dust and debris.
 - c. Clean the floor using an appropriate decontamination solution.
 - d. Rinse the floor and collect all rinsate solution for a total of three repetitions.
 - e. Sample and analyze the third rinsate solution; compare results to closure performance standard.
 - f. If analytical results for used rinsate solution are above the closure performance standard, decide whether to continue rinsing or to apply for post-closure care authorization.



UNIT CAPACITY

1. TYPICAL INVENTORY (It):

55-GAL 10-GAL 1-LITER

4 0 0



SCALE : 1"=10'

KEYWORDS	A	ORIGINAL ISSUE	DATE	BY	FOR	DOC	CLARK	JOB NO.
1. RCRA			07/31/95					
2. CONTAINER								
3. STORAGE								
4. WASTE								
5. SECONDARY								
6. FACILITY								
7. 771								
8. ROOM/AREA								
9. 159								
10. 13								
11. MASTER								
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Unit Information Sheet

Unit Number: 90.140
Building: 771
Room: 159
Type: Glovebox
Unit Description: Glovebox
Waste Description: Liquid and Solid Mixed Residues, TRU Mixed Waste, and Low Level Mixed Waste
Maximum Capacity: 6 gallons
Secondary Containment Type: Glovebox

Drawing Number: 39650-310

Unit Specific Information:

1. Closure activities will be completed within 180 days starting within 8 months of closure plan approval.
2. Wastes stored in this unit included characteristic wastes, but not listed wastes.
3. Anticipated closure activities are expected to include the following as outlined in Section B of this plan:
 - a. Remove waste inventory and other materials from the unit.
 - b. Inspect the glovebox surface to determine if it is clean and dry.
 - c. If the surface is not clean and dry, wipe or otherwise clean the glovebox surface until it is clean and dry.

Table 1
Unit-Specific Closure Information

RCRA Unit ID	Bldg. No.	Room No.	Unit Type	Typical Number of Personnel Required for Closure	Estimated Time Required for Closure (days)
Unit 90.3	371	3337	Indoor Storage	4	180 Group 1
Unit 90.28	707	E&F Hallway	Indoor Storage	4	180 Group 1
Unit 90.29	559	101	Glovebox	4	180 Group 2
Unit 90.37	779	131	Indoor Storage	4	180 Group 2
Unit 90.38	779	133	Indoor Storage	4	180 Group 2
Unit 90.39	779	137	Indoor Storage	4	180 Group 2
Unit 90.42	779	159	Indoor Storage	4	180 Group 2
Unit 90.43	779	160	Indoor Storage	4	180 Group 2
Unit 90.59	707	Module A G-Cell	Indoor Storage	4	180 Group 1
Unit 90.60	707	G&H Hall	Indoor Storage	4	180 Group 1
Unit 90.61	707	F&G Hall	Indoor Storage	4	180 Group 1
Unit 90.102	559	103	Glovebox	4	180 Group 2
Unit 90.138	771	154	Glovebox	4	180 Group 3
Unit 90.139	771	158	Glovebox	4	180 Group 3
Unit 90.140	771	159	Indoor Storage	4	180 Group 3
Unit 90.140	771	159	Glovebox	4	180 Group 3
Unit 90.31	771	179	Indoor Storage	4	360 Group 4
Unit 90.34	771	249	Indoor Storage	4	360 Group 4
Unit 90.97	771	147	Indoor Storage	4	360 Group 4
Unit 90.4	371	3543	Indoor Storage	4	Deferral Group 5
Unit 90.8	371	3567A	Indoor Storage	4	Deferral Group 5
Unit 90.12	371	1101	Indoor Storage	4	Deferral Group 5
Unit 90.14	371	1111	Indoor Storage	4	Deferral Group 5
Unit 90.15	371	1208	Indoor Storage	4	Deferral Group 5
Unit 90.19	371	1115	Indoor Storage	4	Deferral Group 5
Unit 90.21	771	149	Indoor Storage	4	Deferral Group 5
Unit 90.21	771	149	Glovebox	4	Deferral Group 5
Unit 90.22	771	114	Indoor Storage	4	Deferral Group 5
Unit 90.22	771	114	Glovebox	4	Deferral Group 5
Unit 90.49	777	131	Indoor Storage	4	Deferral Group 5
Unit 90.71	371	3511	Indoor Storage	4	Deferral Group 5
Unit 90.74	707	141 (J-Vault)	Indoor Storage	4	Deferral Group 5
Unit 90.82	771	188	Indoor Storage	4	Deferral Group 5

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Table 1 (continued)
Unit-Specific Closure Information

RCRA Unit ID	Bldg. No.	Room No.	Unit Type	Typical Number of Personnel Required for Closure	Estimated Time Required for Closure (days)
Unit 90.84	771	180B	Indoor Storage	4	Deferral Group 5
Unit 90.85	776	152	Indoor Storage	4	Deferral Group 5
Unit 90.92	779	160A	Indoor Storage	4	Deferral Group 5
Unit 90.94	371	3331	Indoor Storage	4	Deferral Group 5
Unit 90.95	371	3327	Indoor Storage	4	Deferral Group 5
Unit 90.99	776	127 Basement	Indoor Storage	4	Deferral Group 5
Unit 90.104	371	3305	Indoor Storage	4	Deferral Group 5
Unit 90.104	371	3305	Glovebox	4	Deferral Group 5
Unit 90.114	771	146	Indoor Storage	4	Deferral Group 5
Unit 90.114	771	146	Glovebox	4	Deferral Group 5

Figure 1
Closure Schedules

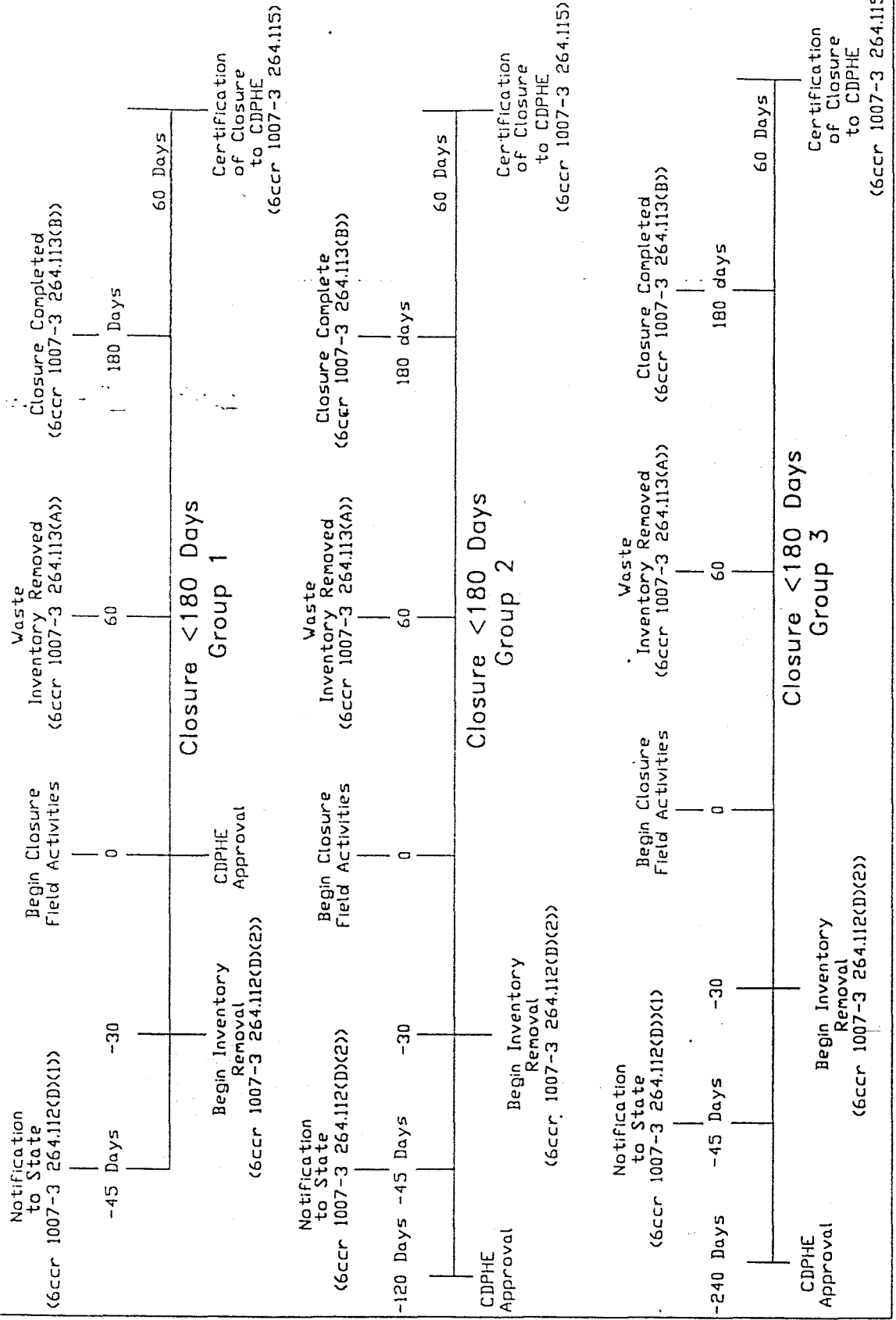


Figure 1 (Continued)
Closure Schedules

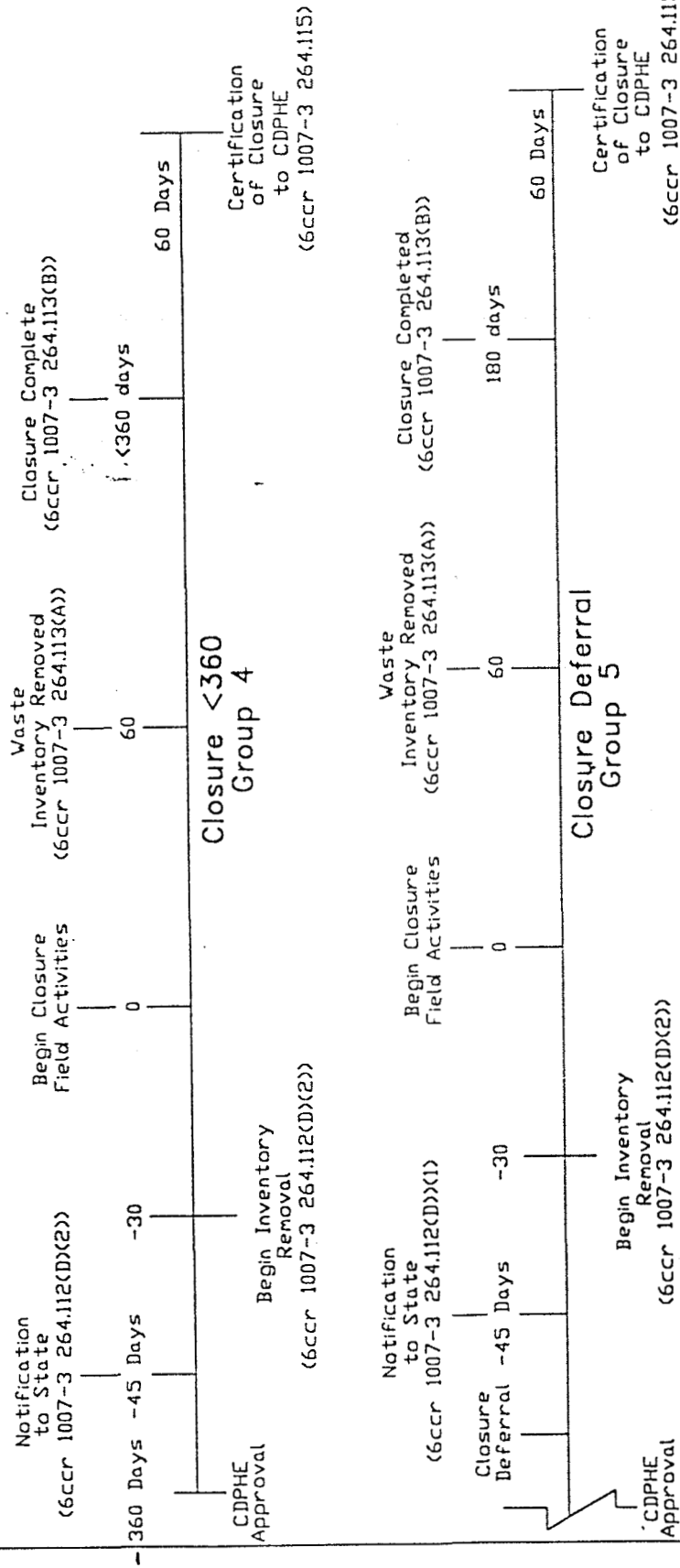
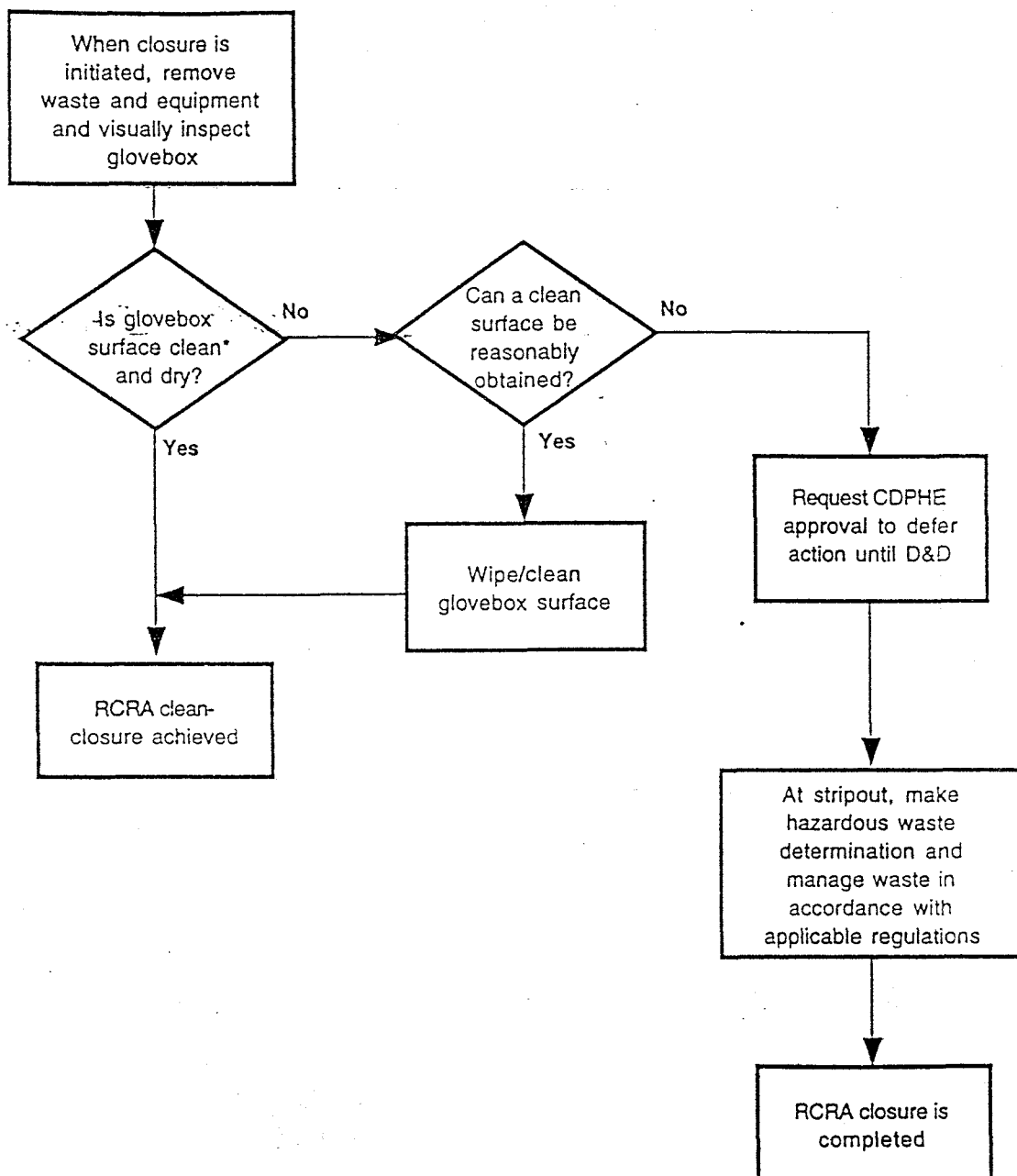


Figure 2
Glovebox RCRA Closure Decision Flow Diagram



* A clean surface will be defined as free of all visible hazardous waste or contamination, except that residual staining consisting of slight streaks or minor discoloration, and waste in cracks, crevices, and pits limited to 5 percent of each square inch may be present.

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